CANADA

REPORT

OF THE

MINISTER OF PUBLIC WORKS

ON THE

OTTAWA RIVER STORAGE

1915

Submitted in accordance with the Provisions of Chapter 39, Section 34, of the Revised Statutes of Canada.

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1916

[No. 19a-1916.]



To Field Marshal, His Royal Highness Prince Arthur William Patrick, Albert, Duke of Connaught and of Strathearn, K.G., K.T., K.P., etc., etc., etc., Governor General and Commander in Chief of the Dominion of Canada.

I have the honour to lay before your Royal Highness the Report of the Department of Public Works of Canada, on the Ottawa River Storage scheme, for fiscal years ending March 31, 1913, 1914, and 1915.

I have the honour to be, sir,

Your Highness's most obedient servant.

ROBERT ROGERS,

Minister of Public Works.

Ottawa, 30th December, 1915.



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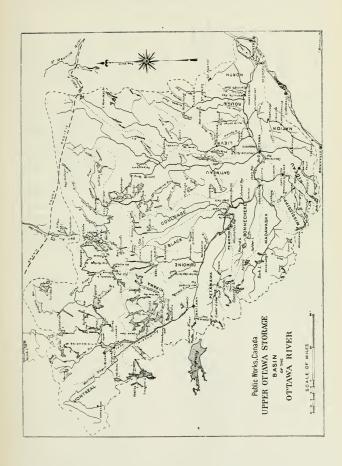
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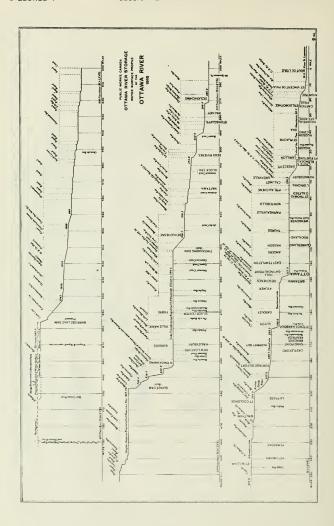
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OTTAWA RIVER STORAGE.

DEPARTMENT OF PUBLIC WORKS, CANADA,

Ottawa, Ont., June 23, 1915.

E. D. Lafleur, Esq., Chief Engineer, Public Works Dept., Ottawa.

Sir,—I have the honour to submit a report on the Ottawa River Storage work covering generally the period from 1st April to 31st March, 1915.

The storage scheme had its inception some years ago in connection with a maintained flow of water for the Chaudière powers at Ottawa. It was actively

pushed between 1904 and 1908, when construction was decided upon.

The first idea was to build eight or ten dams of comparatively low height at the outlets of various lakes; they were to be of wooden cribwork, similar to those built throughout the country by lumbermen, with weirs closed by stoplogs. Extended investigation however showed that better results would be obtained by confining the work to the three large lakes, Quinze-Expanse, Timiskaming and Kipawa, each over 100 square miles in area and into which large watersheds drained.

It was therefore decided to build concrete structures of considerable height and secure as deep storage as possible upon each of these three lakes. The raised surface for these reservoirs was sharply limited by damage to property which was rapidly increasing in value owing to the exploitation of Cobalt and other mining areas.

TIMISKAMING DAM.

The dam was begun in May, 1909, the contractors were relieved of the work, August, 1911, and it was completed by the department, August, 1912. The cost, including damages, will be nearly \$500,000. The total length of dam is 1,600 feet, the height 25 feet, and the flood flow through sluice-ways 100,000 cubic feet per second, several times more than through the Assuan dam, Egypt. To avoid excessive inundation, arrangements were made to deepen and widen the outlet of the lake, and thus tap lower layers of the reservoir.

KIPAWA DAM.

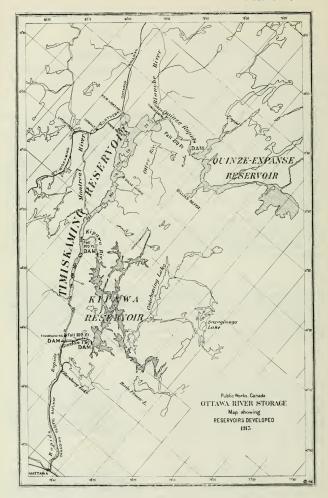
The Kipawa river dam at the north end of the lake was begun November,

1910, and completed May, 1911, at a cost of \$62,000.

The Gordon Creek dam at the south end of the lake was begun October, 1911, and completed May, 1912, at a cost of \$42,000. Land damages are roughly estimated at \$6,000, and the total expenditure will be \$110,000. In 1911, the partial storage given off from Kipawa reservoir helped to avoid the recurrence of extreme low water and consequent trouble with the domestic supply at Ottawa city.

QUINZE DAM.

Work was begun August, 1911, by daywork, and a contract was let May, 1912, to be completed September, 1914. It was finished in October, 1914, but no storage was available for that autumn. Damages to timber limits by flooding are difficult to estimate, but the 23,000 acres affected may be placed at \$70,000,



the total cost would then be about \$500,000 for this reserve. The dam is a rockfill, over a mile long, with sixteen regulating sluices capable of passing flood flow.

Total cost of all dams is estimated at \$1,110,000, not including Kakabonga,

which is estimated at \$250,000 more.

Although the results are still very incomplete, the efficiency of the storage reservoir has already indicated itself. In April, 1913, the spring break-up was very early with the result that the Madawaska and other south tributaries of the Ottawa discharged rapidly, leaving but little ground water in their watersheds for the summer's supply.

The ensuing rainfall was very scant, in fact the period from April to September, inclusive, showed only 14 inches precipitation, the lowest since 1906. Timiskaming reservoir filled quickly and remained full with surplus water running out until the end of June, from which time it was necessary to draw steadily on the storage till the middle of October, when 7 feet had been taken

off, and navigation interests began to complain.

Kipawa reservoir was also drawn down about 7 feet when navigation was affected in a peculiar manner, as the raised level had allowed of going into bays formerly never approached, but to which access now became a vested right. There was also difficulty in loading steamboats from the wharfs when the surface lowered 7 feet.

The benefits of storage were shown by an increased navigation depth on both Kipawa and Timiskaming. There was also about 1 foot better water than in 1906 through Allumettes lake, Chats lake, and Deschênes lake, while at the foot of the Rideau locks, Ottawa, there was 2 feet better depth than during former dry years. The surface was also a foot higher at Grenville and a foot higher over lake of two mountains than during the low periods of 1906 and other years. If, of course, these reaches were penned up with dams and weirs, at least 5 feet better depth could have been maintained throughout the season. In the natural state it takes almost spring freshet flow to raise the various lakes 5 feet above low-water regimen.

The second series of benefits consisted of the increased amounts of water passing over the various falls along the Ottawa river. At present only the Chaudière fall at Ottawa is developed and when the flow is less than 20,000 c.f.s., the various powers experience shortage, but at 30,000 c.f.s., all have sufficient water, labour is constantly employed, and the municipal requirements for

light and transportation are easily met.

In 1913, the flow at Ottawa diminished to 20,000 c.f.s. about the middle of August, but instead of falling below this it was maintained at about that figure till autumn. This, too, although the autumn rains were delayed till the end of October, after which there was an abundant supply during January, February, and March, 1914.

TIMISKAMING RESERVOIR.

The detailed description of Timiskaming reservoir will be taken up first. It consists of the lake of that name, which has an area of over 100 square miles and is navigable for steamboats for 70 miles from Timiskaming station, Canadian Pacific Railway, to North Timiskaming. This lake is a rift in the granite plateau filled by the Ottawa river through the Quinze rapids and emptying through another rapid portion of the Ottawa extending 38 miles from Timiskaming to Mattawa.

Upon this reservoir area 15 feet in depth of an available storage is held by the Timiskaming dam consisting of 20 odd weirs with concrete piers between, each weir being closed as desired with stoplogs. The storage can easily be accu-

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mulated from the 8,000 square miles of drainage area above and the 11,000

square miles of local basin.

The concrete weirs at the outlet were begun in May, 1909, the contractors being Messrs Kirby & Stewart, who were relieved of the work in August, 1911. The department then completed the dam, and it was put into operation August, 1912. The total length of the dam is 1,600 feet with 20-odd regulating weirs capable of discharging a flood flow of 100,000 c.f.s.

The construction of the Quebec channel dam, during the winter of 1912, was hampered by an unremitting fight against water during very cold weather. Anchor ice formed in quantity at the mouth of Gordon creek, 300 feet down stream from the dam, and the penned-up water threatened to overtop the lower coffer-dam. The coal supply for steam machines was constantly runing low owing to an extensive strike in the Pennsylvannia fields and the pumps

and other machinery became frozen despite constant care.

By the middle of April, the foundation slab was completed, also the filling of the cut-off trench with concrete. This trench was a very serious undertaking, especially in its western half, where the water-saturated sand caved in to an alarming extent. By the end of the month, the sluices had been completed and as much riprap as possible was laid along each shore as a protection against the current. The coffer-dam was then blown out both above and below the work as far as the rapidly rising water admitted.

To avoid excessive inundation of property and still obtain a great volume of storage water, the design contemplated the widening and deepening of Timis-

kaming outlet.

In May, the steam shovel was moved into the Ontario channel, and after an enforced idleness due to high water, worked from the middle of June to 7th September. This work was necessary in order to complete the enlargement of the Ontario channel, which in the natural state passed only a high-water flow. It is now 20 feet deep at full reservoir and 400 feet wide.

About 4,000,000 pieces of timber, mostly sawlogs and pulp wood float past Timiskaming every year, so a timber pass with heavy booms forming a funnel

approach was constructed and has given satisfaction.



No. A.-General view Timiskaming dam, Ontario sluices in foreground.

For removing and placing the stoplogs in the sluiceways a lifting machine consisting of two 40-foot spuds with rack attachments was set up in May, 1912. It is driven by a 10-h.p. Dake steam engine connected by gearing to pinions

that mesh into the spud racks.

The log-lifting machine has given fair satisfaction, but an accident twisted one spud, a 9 by 9 I-beam, during the rise of May, 1913, and the dam was without lifting machine for several days. Hand winches, which are held in reserve, sufficed to take out enough stoplogs to pass the flood, but the surface stood nearly a foot above regulated level for some days. The engagement of the lifting spud with the lower stoplogs when a heavy current is passing through the sluiceway presents constant dangers and difficulties.

A new lifting apparatus capable of raising all the logs fastened together as one gate has been designed, and detail structural plans prepared. The cost would approach \$50,000, so its construction has been deferred for the present.

Several attempts have been made to remove parts of the cofferdam with explosives, but although the wooden cribwork is easily blown apart, there is little effect upon the stone filling. The dredge was brought down but was

unable to remove the material, owing to the strong current.

A very serious wash-out below the Ontario sluiceways of Timiskaming was discovered in July, 1913, after the spring freshet had subsided. On the 25th April, a critical examination was made below the dam, but no scour of any consequence had then taken place. Between April and July, however, the lower apron, a concrete slab I foot thick, extending 400 feet across the channel and 50 feet downstream, was broken up and carried away for a length of 200 feet. The river bottom was scoured out 20 feet below grade for a distance of about 100 feet, and at 200 feet the crosion was fully 5 feet deep.

Why the river bottom was not scoured out during the two previous summers, that this part of the dam had been in operation is impossible to say. No excavation was done during the past two years downstream, but the channel upstream was enlarged during the last summer and many larger boulders were loosened by the steam shovel. Possibly the strong current of the spring freshet may have carried boulders bouncing through the sluices, which cracked the lower apron. On the other hand, the vertical back swirl, due to the heavy sheet of water, may have broken through the hard-pan layer and washed out the sand and gravel beneath.

To make repairs, it was necessary to first place all the stoplogs in the Ontario sluiceways and then to staunch them tight with plank sheeting and canvas curtains. A quarry was then opened near the Ontario end of the dam, and the broken rock was deposited in the scoured-out portion of the river bed.

The scour also extended underneath the concrete floors of the sluiceways, and this had to be filled with concrete deposited through water 10 to 20 feet in depth. Every precaution was taken against leakage to prevent currents that might wash away the cement. The concrete was deposited through a trimmie, and the mixture was made very wet, so it would flow as far as possible into the cavity.

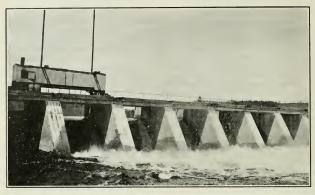
On 14th June, 1914, a wash-out occurred beneath the island end of the Quebec sluices at Timiskaming dam, and a hole 15 feet deep was scoured in the river bottom. Three of the concrete piers dropped down, completely

wrecking four sluiceways, or about 100 feet in all of the dam.

It was decided to sacrifice the four sluice openings and fill the break with a loose-rock embankment to the full height and width of the roadway. It is allowable to close these openings because the provision has always been found very ample, and the completion of Quinze dam now admits of controlling and lessening the peak of the spring floods.

The cause of this wash-out will always remain uncertain, but a leak or piping as it is called must have occurred through the treacherous soil either beneath

the piers or in rear of island abutment.



No. 1.—Timiskaming Reservoir, Ontario sluices; lifting machine with spuds up ready to lower and grapple a stoplog.

Beneath the white water twenty feet in depth of rock has been deposited to fill in the scouring of the river bed.



No. 2.—Timiskaming Reservoir, Quebec sluices; crib-work being placed along downstream side to protect against scouring.

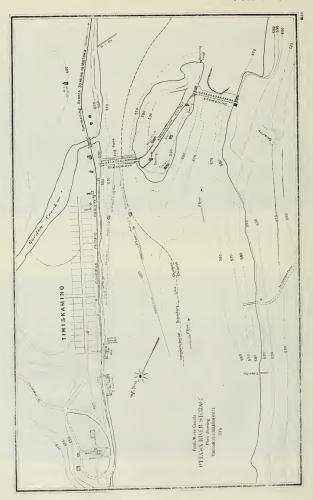


No. 3.—Timiskaming Reservoir, Quebec sluices; washout, June, 1914, fifteen deep when four sluiceways were destroyed.

Temporary suspension bridge 100 feet long, also locomotive crane depositing rock in gap, are shown.

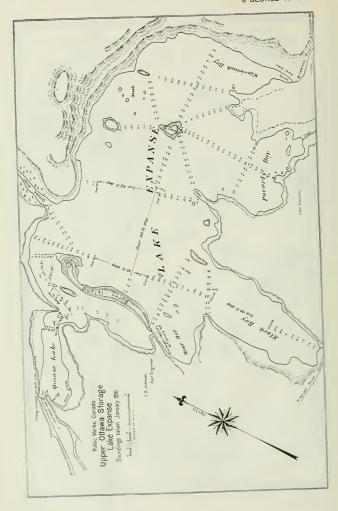


No. 4.—Timiskaming Reservoir, Quebec sluices; washout repaired by rock-fill embankment. Slight leakage through rock is seen along toe.





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OUINZE RESERVOIR.

Quinze reservoir consists of lakes Expanse and Quinze, navigable for 60 miles, and totaling 120 square miles in area, upon which a depth of 20 feet can eventually be stored. The watershed area tributary to this reservoir is about

8,000 square miles.

The dam is a rock-fill, over a mile long, with sixteen regulating sluices, situated about the central part, closed with stoplogs, and capable of passing the flood flow. It was located and designed in 1910, and the foundation of the sluice-ways was built directly by the department, work closing in March, 1912. A contract was let to Messrs. Morrow and Beatty, 29th April, 1912, for the completion of the concrete sluiceways and the rock work. Owing to the condition of the summer roads, little could be done on the work, but a firm of subcontractors, Messrs. Dibona and Orlando, commenced operations in September, 1912. Some clearing and grubbing was done and the excavation of a bank seat trench commenced on the north side of the river.

During the winter of 1913, British Columbia fir stoplogs were hauled into

the work; also sufficient cement to build the concrete sluiceways.

Concrete work began on 1st April, 1913, gravel being used from the pit previously opened for the foundation concrete. The cement was much fresher than that used the year previously in foundations, but it was found that the concrete was again very slow in setting. In consequence, the gravel was washed with improved, but not altogether satisfactory results, as to rapidity of set. Pipes were then arranged to spray water continuously upon the piers, and after a time

a throughly good monolith was obtained.

It has since been found that this slow setting was due to some brown gravel distributed in layers through the pit, which contains chlorates of magnesium and potassium, that tend to retard the set. The only method of overcoming this unusual difficulty is selection in the gravel pit, if possible, accompanied by very thorough washing. The concrete piers were completed by the end of June, after which the steel girders and concrete deck were placed on top. Extra cement had to be secured for this work, as a richer mixture than contemplated was used, owing to the slow setting. The cartage of this cement over the summer roads caused considerable delay, and the deck was not finally finished until the beginning of September.

When a rock-fill is built upon the natural surface of the river shore, the seepage issuing along the toe, with the reservoir full might undermine the foundation. After consideration it was decided to excavate a trench to good material along the downstream toe, which will be filled with the loose rock of the dam. The seepage is thus carried away through this large stone drain without scouring

the earth beneath the fill.

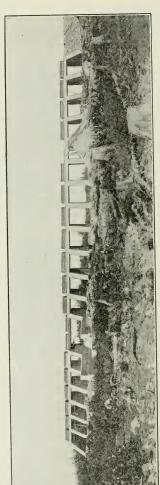
The work was largely rock excavation from borrow pits, which has been deposited in the rock-fill dam, but some further excavation was done to obtain

foundations for sluice-way piers.

The south end of the embankment across swampy ground was completed in July, 1913, and has settled somewhat since. During construction there was considerable settlement into the soft swamp which, of course, has increased the quantity of rock used. Staunching material of earth and gravel has been deposited upon the upstream slope all along the embankment.

The rock-fill dam was extended into the river from both the north and south sides, the central portion averaged nearly 40 feet in height. A junction was made 26th February, 1914, before high water rendered the head excessive.

The original estimate, made in 1911, was \$237,000, and the final cost \$297,000, the increase of \$60,000 being due principally to greater quantities of rock excavation than expected. It was thought that 70,000 cubic yards of

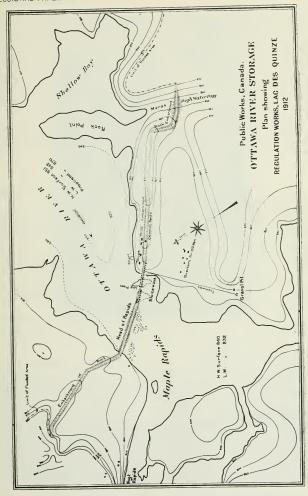


No. 5.-Quinzo Dam, showing concrete sluieways and bor pass, with reck-fill at right. This structure was so located as lo be built without cofferdam, and the water raised after its completion.



No. 6.--Quinze Dam, downstream face of rock-fill embankment and bed of river laid dry.

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rock in solid would make 105,000 yards in the embankment, or that 1 cubic yard solid would yield 1½ yards in bank. As previously reported, however, there was considerable settlement in the fill, though very little rock was lost in the current. Altogether 113,600 cubic yards of rock were excavated from the borrow pits and the sluice foundations, all of which was deposited in the fill except 4,500 cubic yards used for concrete. The rock excavation was done by coyote blasts, that is a small tunnel was driven in 20 or 30 feet, a T chamber made at the end and loaded with powder and dynamite. Much of the rock, in pieces up to a cubic yard and over, was hauled a quarter of a mile on stone boats sliding on wooden poles. The central portion was hauled from the north side borrow pits by narrow-gauge cars into which the rock was lifted by Forest loaders. These are small horse-power derricks that have proved very useful, both at Quinze and at Timiskaming.

From April, 1914, the work consisted chiefly of widening and trimming the rock fill and depositing gravel on the upstream slope. The work was completed 20th October, 1914, in a very satisfactory manner, and the final estimate

has been paid.

SURVEYS.

An examination was made of Kakabonga lake, the source of the western

part of the Gatineau river, by Mr. A. Gray, in September, 1912.

The scheme was to build steel frame sluice-ways controlled with stoplogs at Barrière post, Hudson's Bay Company, near the north outlet and across the Gens de Terre river near the south outlet. Detail surveys were made and the estimated cost was \$172,000, without damages to timber that would be flooded along the borders of the reservoir.

During February and March, 1913, Mr. W. E. Blue ran a general flood contour around the main shore of the lake, but numerous low islands yet remain

to be examined.

If dams were built across both outlets of Kakabonga, a storage reservoir of 15 feet depth and 100 square miles surface would be formed. Unfortunately the catchment basin for this would only be 2,500 square miles, so Kakabonga,

like Kipawa, might not fill during dry years.

With a raised surface there was also a possibility that the water might be passed westwards to the Coulonge and fed into the Ottawa above the Calumet and other large falls, increasing the flow. This by-pass, however, was found to be impracticable owing to the heavy excavation, although the distance to canal would only be 1,000 feet.

Both the reports are included, together with the estimate, plans, and photo-

graphs.

Surveys have been carried forward in the Kipawa watershed to fix the size and elevation of Lakes Ostaboning and Sasaginaga. This party is at present continuing a survey begun some time ago between Timiskaming and Mattawa.

The Madawaska river and lakes have also been under survey and very good progress has been made. This watershed contains 3,200 square miles and there are several large lakes regarding which information is frequently asked.

The various surveys made throughout the watershed cannot be assembled for mapping purposes without latitude and longitude determinations. It is only since the introduction of wireless telegraphy that longitude can be taken accurately and economically where no telegraph lines exist. During 1914, a party equipped with wireless apparatus established points at Quinze, Kinegivis, Grand Lake Victoria, and Kakabonga lakes. Their work was much hampered by low water in the streams and by cloudy weather and bush fires, but the



No. 7.—Quinze Dam: Seams in trap rock with Forest loader derrick, which is easily moved aside for blasting.



No. 8.—Quinze Dam; view of upstream face across river, showing sluiceways and rock slope staunched with fine material. Full reservoir surface will be five feet below the top of dam.

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points have been fixed to about a quarter second, or 25 feet on the earth's surface. We are indebted to Dr. King of the Observatory for furnishing Mr. Dier, telegrapher, and Mr. Nechion, observer, and to the Navy Department for the use of a wireless outfit.

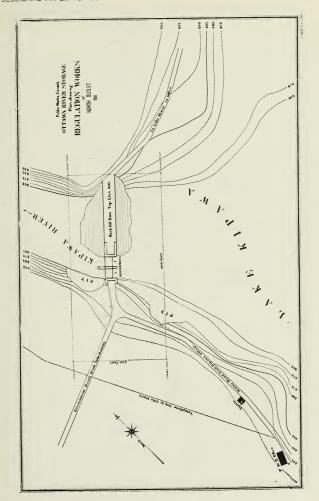


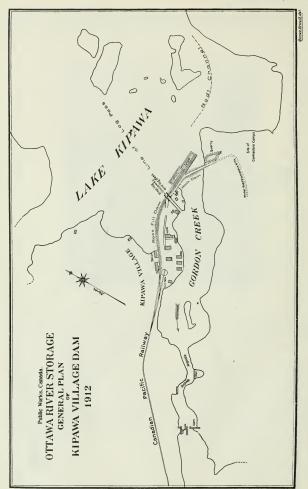
No. 9.—Kipawa Reservoir, log pass in dam across the head of Gordon Creek.

Office work has consisted in reducing notes and plotting discharge curves for metering and in keeping the returns from the fifty-odd gauge stations. Mr. DesRosiers has also attended to a mass of work connected with geodetic levelling and plans required in connection with various dry docks and other works of the department.

The watershed map of the Ottawa river is constantly being corrected, and further information is being added as survey notes come in. The longitude and latitude determinations make it now possible to advance the work on the mile-to-an-inch plans of the river and its tributaries.

In connection with Kakabonga, a detailed report from Mr. Gray is submitted, together with the report of the survey made by Mr. Blue. Plans are also submitted showing the various lakes connected with the scheme and the excavation necessary to pass the stored water via the Coulonge river.





26th February, 1913.

C. R. COUTLEE, Esq.,

Engineer in charge, Ottawa River Storage,

Public Works Department, Ottawa.

Sir,—In connection with my investigation last September of the proposed dams at the head of Gens-de-Terre river and foot of Barrière lake for the Kaka-

bonga reservoir, I beg to submit the following:-

In order to create artificial storage on Kakabonga lake, it is necessary to include in the storage basin, Bark lake, Rapid lake, Kakabonga and Barrière lakes. For the control of this storage, two dams are necessary, on Kakabonga lake at the head of Gens-de-Terre river, about 500 feet below the present timber dam operated by the lumber firm of Messrs, Gilmour and Hughson; the second dam required will be located about 61 miles west of Hudson Bay, Barrière

lake Post, where the Ottawa river flows out of the lake.

The proposed Kakabonga dam site is situated at the head of the Gensde-Terre river, about 500 feet below the present lumber dam, built about forty years ago by Gouin. It is about 100 miles north of Maniwaki, the terminus of the Canadian Pacific Railway, Gatineau branch. There is a good winter road from Maniwaki to Bark Lake depot (sixty-five miles), the base camp for the Gilmour and Hughson Lumber Company, and which is situated on the south shore of Kakabonga lake.

The maximum load by team on the winter road is 2,200 pounds and the time

occupied in the return trip is five days.

There is a good summer road from Maniwaki to Carp Lake depot (50 miles), one of the W. C. Edwards Company's stopping camps, and from Carp Lake depot to Bark Lake depot, the road is very difficult, even for pedestrian travel. From Bark Lake depot to the present lumber dam at the head of Gens-de-Terre river (35 miles), the lake is navigable and it is possible to bring material, etc., by the steam a'ligator owned by the Gilmour and Hughson Lumber Company.

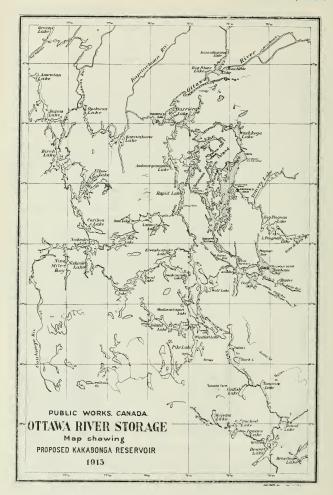
The proposed Barrière Lake dam site is situated on the Ottawa river, 115 miles north of Maniwaki, and about 61 miles east of the Hudson Bay post, Barrière lake, which is also reached from Maniwaki to Bark Lake depot, thence by steam alligator through Rapid lake to a small timber dam built by Gouin about forty years ago, and situated about 1½ mile east of the Barrière lake, Hudson Bay post. At this dam, material, etc., will require to be transported about 300 feet over the dam and brought by boats or scow to the proposed site (5 miles), which is at the foot of the lake and at the head of a 31.7-foot

fall in the Ottawa river.

The two timber dams, at present existing, were originally built about forty years ago by Gouin; they create an artificial storage of about 4 feet on these lakes, and are used and maintained by the Gilmour and Hughson Lumber Company, the dam at the head of the Gens-de-Terre river being used for passing logs down the Gens-de-Terre river to the Gatineau river to Hull. The dam on Barrière lake is situated about 1½ mile west of Barrière lake, Hudson Bay post, it divides Barrière lake in two, the water of the west portion of the lake follows its natural course down the Ottawa river, and the waters of the eastern portion are diverted and passed through the Gatineau by the Gens-de-Terre dam.

The drainage area of the proposed basin is 2,500 square miles, the Ottawa river above Barrière lake contributing 1,345 square miles and the Kakabonga and other lakes 1,155 miles. The total area of the reservoir is 100 square miles,

made up as follows:-



Bark lake to Burns narrows	square miles
Kakabonga lake. Part of Barrière lakes east of present dam, including Rapid lake.	46.8
Barrière lake, Bouchette lake, and 40 miles of Ottawa river above Barrière lake.	29·4 10·0
Total	100 · 6

The type of dams proposed is the same as those already built at Kipawa and under construction at Quinze, viz., rock-fill with 20-foot sluices and wooden stoplogs. On account of the high cost of transportation of cement and the limited life of wood for the sluice-ways, it is proposed to use steel bents instead of concrete for the abutments and piers. The steel work, will be connected to the rock-fill embankment with timber cribs. At both locations a good rock foundation has been found for the sluice-ways, and all the work in connection with preparing the foundations and building the piers can be done in the dry, thus getting away from costly unwatering work.

From previous investigations by Goodspeed (1906 G.B.S.C. 1906) and Dansereau (Report 1910), it has been fairly well established that by the construction of two dams, a storage of 15 feet can be maintained on the present Kakabonga basin and, for this purpose, a careful survey has been made and

plans prepared for two dams at the locations above described.

At the head of the Gens-de-Terre river, the proposed dam will be 25 feet above the sill, and 1,000 feet long. The type of dam proposed is similar to the Kipawa and Quinze dam, viz., rock-fill with steel piers and wooden stoplogs. The proposed dam at Barrière lake will be 25 feet high above the sill, and 2,000 feet long.

FOUNDATIONS OF SLUICE-WAYS.

The sites of the sluice-ways have been located on rock. The Gens-de-Terre site appears from the examination made to be solid, but at the Barrière site the rock at the surface appears shattered and full of seams. Some work was done to trace the depth of these seams, and they only appear to extend down a few feet, but in view of the foundation trouble which developed at the Quinze site, I would recommend that further investigation be made of both sites.

MATERIALS FOR CONSTRUCTION.

At Gens-de-Terre site the nearest available sand, suitable for concrete, is at the mouth of the Kakabonga river, about 8 miles north of the dam site.

** For the rock embankments, good suitable quarries can be opened up at the dam site. At Gens-de-Terre there is about 2 feet cover on the solid rock, and at Barrière there is a cover of about 6 feet of fine sand over the solid rock.

v. Timber for stoplogs and cribwork can be obtained from the limits bordering the reservoir. It will, however, be necessary to go a considerable distance back_from the lake to obtain the large dimension timber for the stoplogs.

COST OF RESERVOIR.

Detailed estimate of both dams is attached, but no estimate is made of the land damages until the survey now being made of the flooded land is received.

Gens-de-Terre dam		\$ 70,000 00
Total .		. \$172,000 00

TIME FOR COMPLETION.

Both dams can be completed in eighteen months. The contract for steel work will require to be let about July 1, in order that it may be ready for shipment by January 1. The contract for the other work will require to be let by December 1 so that supplies, etc., may be transported to the dam sites during winter months.

Yours obediently,

A. GRAY,

Asst. Engineer in charge.

KAKABONGA RESERVOIR.

ESTIMATE OF COST.

Ottawa, February 26, 1913.

s ets.

Clearing, 2 acres at \$50	. 100 00
Grubbing, 1 acre at \$100	100.00
Excavation, earth, 1,000 c. yds. at 75 cents per c. yd.	750 00
Excavation, earth, 1,000 c. yus. at 15 cents per c. yu.	100 00
" rock, 12,000 " \$2.50 per c. yd	30,000 00
Cribwork. 1,300 " 3.00 "	3,900 00
Cribwork. 1,300 " 3.00 " Concrete, say 100 " \$15.00 "	1,500 00
Stoplogs, 45 m at \$80	3,600 00
Stoplog ends, 13,000 lb, at 10 cents per lb	1,300 00
Steel bents, 200,000 lb. at 7 cents per lb.	14,000 00
Glance boom and anchor cribs	2,000 00
Stoplog lifting machine	4,000 00
House for dam tender	2,000 00
Engineering, etc	
	70,000,00

Ottawa, February 26, 1913.

BARRIERE LAKE RESERVOIR.

ESTIMATE OF COST.

	\$ cts.
Clearing, 5 acres at \$50.00 per acre	250 00
Grubbing 2½ acres at \$100 per acre	250 00
Excavation, earth, 2,000 c. yds. at 75 cents perc. yd	1.500 00
" rock, 22,000 " 82.50 "	55,000.00
Cribwork 1,450 " 83,00 "	4,350 00
Concrete 100 " \$15:00 "	1,500 00
Stoplogs, 45 M at \$80.00	3,600 00
Stoplog ends, 13,000 lb. at 12 cents per lb.	1.560 00
Steel bents, 200,000 lb, at 9 cents per lb.	18.000 00
Stoplog lifter	4,000.00
House for dam tender	2.000.00
Engineering, etc	9,990 00
	102,000 00



No. 10.—Kakabonga Reservoir—Barrière Lake Dam Site.



No. 11.-Kakabonga Reservoir, Gens-de-Terre River Log Pass.



No. 12.—Kakabonga Reservoir, Gens-de-Terre River Dam Site.

DEPARTMENT OF PUBLIC WORKS, CANADA.

OTTAWA RIVER STORAGE.

Ottawa, Ont., April 14, 1913

C. R. COUTLEE, Esq., Engineer in charge, Ottawa River Storage, Ottawa.

. CONTOUR SURVEY KAKABONGA LAKE.

Sir.—In connection with the contour survey of the Kakabonga reservoir. I beg to submit the following report:—

The object of the trip was to ascertain the amount of land that would be flooded by raising the water level of the lakes to the proposed full regulated level of 1,198, with special reference to those places mentioned on page 180 of the Ottawa River Storage Report, of 1911. The land required would be to elevation 1,203, thus giving a 5-foot reserve.

The present water level varies from 1,182 to 1,187.

The height of land between the reservoir and Dam lake, the head water of the Coulonge river, was also investigated with a view to create an artificial

outlet of stored water by way of the Coulonge river.

The party, consisting of fourteen, left Ottawa on January 19, for Maniwaki. Here provisions and teams were obtained and on January 22, a start was made. Bark Lake depot was reached on January 24, after a 65-mile drive over good winter roads.

Another day and a half's driving down the lake brought the party to a shanty, near Long Narrows. The party was split up here, one-half going to the Kakabonga river, while I took the other half and went to the height of land between Rapid lake and the Coulonge river.

Camp was made on Mountain creek which flows into Rapid lake. This creek varies from 80 to 20 feet in width, and in the spring would probably be 5 or 6 feet deep.

Some 4,000 feet up the creek is a small lake, 1,000 feet wide. Its elevation

on January 30 was 1,213.91, and its depth in the centre, some 27 feet.

Between this lake and Larouche lake is a black spruce muskeg at elevation 1,217, and 2,300 feet wide. The elevation of Larouche lake on February 4 was 1.213.54.

This lake is about 5 miles long, and in it are two narrows: one is threequarter mile long, 15 feet wide, and the other is 600 feet long and 60 wide. Both are very shallow.

The outlet of Larouche lake is near its west end, and flows north, emptying

eventually into the Ottawa River, near Birch lake.

The divide between Larouche and Dam lake, the headwater of the Coulonge river, is about 1,100 feet across. At 400 feet from Larouche, the elevation of the ground is 1,218, and at 1,000 feet it is 1,240. From here the ground falls steeply to Dam lake, whose elevation on February 4 was 1,189.04.

Under present conditions, Kakabonga reservoir is some 3 feet lower than

Dam lake.

At the proposed full reservoir level it would be 10 feet higher than Dam lake, thus only giving a 10-foot head on any canal that would be built to throw the water down the Coulonge.

To do this would entail a great expense, and the benefits derived would

not warrant this.

Returning by way of Long Narrows, the party travelled south around the end of Gouin's island, then north to the Kakabonga dam with the intention of working along the east shore to join on with the other party.

From Kakabonga dam to the Kakabonga river, the shore is high, with a high range of hills in the back ground. Very little valuable timber will be destroyed. A few spruce will be flooded, and many birch, balsam, and poplar.

It was necessary to go up the Kakabonga river about 6 or 7 miles in order to obtain elevation 1,203.

At its mouth is a large flat of jack pine and spruce, which will be flooded. There is hardly any rise in the river for 4 miles, but when the rapids are struck they are practically continuous. The shores are steep. Four miles from the mouth, the right and left branches of the river join the main stream. They are both very rapid, so the required rise was soon attained.

In this section, from the Kakabonga dam to Rock lake, including the Kakabonga river, the amount of land that will be flooded to elevation 1,198 is 2,438.5 acres, or 3.8 square miles. The area between elevation 1,198 and elevation 1,203 is 450.75 acres, giving a total of land required on this section equal to 2,289.25

acres, or 4.5 square miles.

While at the Kakabonga dam it was found that to bring the grade of the fill of the proposed dam up to 1,203, it would increase its length by 100 feet.

The Gens-de-Terre river was open below the rapids.

The two parties met on February 19. The next day camp was moved to Hebert's shanty on Bronson island. From here a team was taken to Lacroix's camp on Long Narrows and thence up the lake to Brady's Narrows, where camp was made on February 22.

From Brady's Narrows, the party worked south, taking in part of Burns

bay, Serpent bay, and Carp bay.

In the end of Burns bay there is no danger of the water escaping to the west, although it may flood eastward over to Crooked Narrows on Kakabonga lake, thus making an island. Several small lakes were investigated on the south shore of Burns bay, and the required elevation was obtained.

There are quite a few good white pine in the bay, the average diameter being from 8 to 16 inches. One clump of fifty-one white pine, 24 to 26 inches diameter was found on a line 500 feet long. The red pine averages from 7 to 18 inches, and are not so numerous as the white. A few spruce will be flooded. The remainder of the trees are birch, balsam, and cedar, with a few tamarack.

In Serpent bay are a good number of white and red pine, averaging about 12 inches diameter. In the bottom of the bay, the timber is all burnt, except a swamp in a creek gully, which is covered with black spruce, 2 to 12 inches

in diameter.

The shores of Carp bay are high, only one large flat being found on the south shore of the bay. On the west shore, very few pine are found, but on the

east and north shores are quite a few good red and white pine.

Owing to signs of an early break up it was decided to investigate the height of land between Bark lake and Seize lake, the headwater of Seize creek, which flows south to the Gens-de-Terre river.

A check line of levels was run over the lowest part of the height of land, which showed the elevation of Seize lake on March 19, to be 1,193.10. The highest point on the gully was 1,201.

A fill to bring this up to 1,203 would be 115 feet long and with a width of 10 feet at the top and side slopes 1 to 1 would contain some 130 cubic yards.

The survey of Carp bay was completed on March 19. The party moved to Poigan bay on March 20, over very bad ice. That night, a heavy rainstorm rotted the ice considerably, so it was decided to move to the depot and discontinue work.

Bark lake depot was reached about 9 a.m. on the 21st. In the p.m. a survey was made of the depot buildings, and the divide in the end of Deschenes bay was investigated. The lowest elevation found on the ridge between this lake and Hunter lake was 1,206.

Permanent hubs were left at the ends of the survey, so that future work

may be tied on that already done.

The area flooded from Brady's Narrows, south, including most of Burns bay, Serpent bay, and Carp bay is as follows: Area to 1,198 is 1,083.5 acres, and between 1,198 and 1,203 is 463.2 acres, making a total of land required

of 1,546.76 acres, or 2.4 square miles.

The party reached Ottawa on March 24, being sixty-three days away. Of this time, twenty-three days were spent in travelling (getting to and from the lake and moving camp), two days were lost by rain, and there were seven Sundays leaving thirty-one days' work on the survey line. During this time, 81.9 miles of traverse were run, and 17.6 miles of line cut in the bush to the contours. This makes an average of 2.6 miles per day for traverse and 2,950 feet of line cut per day.

The toal area of land required in the places surveyed amounts to 6.9 square

miles. The area of the lake would be increased by 5.5 square miles.

The total length of shore line around the reservoir, including the Ottawa river, past Bouchette lake, is approximately 475 miles. The length of the shore line of Bronson island and Gouin's island, which divides Kakabonga lake, is 160 miles. These islands have to be contoured, owing to the timber on them. This makes a total of 665 miles, of which 80 miles have been done in the past season, leaving 585 miles to do.

During summer months, probably 50 miles a month would be a good average. The main shores could probably be finished in eight months.

The cost of the survey is divided up as follows:-

Transport Provisions Equipment at 200, say 10% Wages			707 00
Total			. \$3,217 00

I have the honour to be, Sir,

Your obedient servant,

W. E. Blue,

Assistant Engineer.

LONGITUDE AND LATITUDE DETERMINATIONS.

In connection with the longitude and latitude determinations, a detail report from Mr. T. C. Dennis of the Astronomical Observatory staff, follows. This includes all the work done during 1914 and 1915, so that a complete description of all the points determined in the field is now on record.

6 GEORGE V, A. 1916

Ottawa, December 1, 1915.

C. R. COUTLEE, Esq.,

Engineer in charge.

Ottawa River Storage, Ottawa.

Sir.—During the summers of 1914 and 1915, several stations were observed in the watershed for latitude and longitude. Dr. King, C.M.G., Dominion Chief Astronomer, kindly lent observers. It was decided to use the novel method of wireless telegraphy for the comparison of time signals with the Dominion Observatory, and a portable wireless receiving instrument was secured for this purpose.

The party consisted of seven, an observer and six men for the canoe transport. During the ten months the party was in the field, about one thousand miles were covered with the canoes, and thirteen stations were observed. Many portages had to be made through unsettled country, so that it was necessary

to reduce weight as much as possible.

The astronomical transit used was smaller than desirable, and it was found impracticable to carry the cement generally used for its foundation, so that the standard of accuracy was slightly below that obtained with the larger instrument with the concrete base. The time comparison was made with the observatory by means of the time signal sent out from Washington at ten o'clock, p.m. The observers at the observatory and in the field each comparing his clock with Washington, by means of the coincidence method.

Aerials consisting of two wires 300 to 600 feet long were erected at the dif-

ferent stations, using the highest trees in the vicinity for masts.

At stations where cement was not available, piers for the instrument were on several occasions constructed by using three logs about 7 feet long which were placed on end in the ground leaving about $2\frac{1}{2}$ feet above. These logs were firmly nailed together at the top and in some cases a cribwork, was erected around them to protect the pier. At three of the stations a large stump was used as a pier, and these were found to be nearly as solid as the cement. The pier at one of the stations was built of large flat stones, which gave very satisfactory results.

Although the instruments carried were of a delicate nature and required careful handling, they made the whole distance without accident of any kind. The wireless outfit proved very satisfactory, and at every point where it was erected signals were received on the first night. The party was always in

touch with the large wireless stations on the Atlantic coast.

The determination of the positions of those stations has a probable error of .035 S, or about 35 feet in longitude and .10" or about 10 feet in latitude.

The following are descriptions of the stations observed:-

Quinze Dam.—Observing pier 1,160·9 feet N. 47° 22′ W. from Challoner's Canadian B.M. No. MDCX (elevation $842\cdot90$ feet).

Kinojevis River.—Observing pier 577·9 feet S. 54° 46′ W. from B.M. No. 3 (elevation 879·44 feet), established by G. B. Hull of Department of Public Works.

Barrière.—The pier is situated on the north side of the arm of Rapid lake, about 600 feet from its shore. It is 1,690-8 feet from a copper plug cemented into the rock, close to the Hudson's Bay flag pole. This plug is 68-5 feet from the southwest corner of Hudson's Bay Company's store, and 157-5 feet from northwest corner of residence of manager of Hudson's Bay stores.

Grand Lake Victoria.—The pier is situated on the south side of the Ottawa ryc, distant therefrom about 1000 feet. It is also 2078-4 feet with bearing N, 79° 20′ 48″ E. from a copper plug cemented into the rock and surmounted

by a cairn of stones. This copper plug is near the residence of the manager of the Hudson's Bay Company stores.

Hunter's Point, Kipawa district, Quebec.—The station is a screw head in the top of a concrete pier built on a flat-topped boulder at Hunter's point. The station is 30 feet from the north shore of the North river, and about 1,300 feet west of Mr. Pierre's house on the opposite side of the river. Station 64 of the Public works Department survey is N. 62° 25 E. of the astronomical station, and distant 1,474·2 feet. A line has been cut to a copper bolt placed in the solid rock, 433·2 feet due north of the astronomical station. The bolt is at the south side of a stone cairn. The line from stations 64 and 63 of the Public Works Department survey has a bearing of N. 63-35-30 E. with this north-and-south line.

Stubbs Bay, Des Moines Lake, Quebec.—The astronomical station is a screw and in the top of a concrete pier situated on a narrow hog's back, about 50 feet wide, extending south-easterly into Lake Du Moine at Stubbs bay. A copper bolt has been placed in a boulder, 2124·6 feet due south of the station. The station is 1454·5 feet from the southeast corner of the store at Eddy's depot on a bearing 8. 6° 34′ 30″ W.

Ward Lake Station, Coulonge River, Quebec.—The astronomical station is a copper bolt in a large flat rock surface, on the east side of Wards lake. It has been tied to the lake, which is about one mile long and quarter of a mile wide by a triangulation survey. The station is 15 feet from the shore of the lake, and about 100 feet south of a tall pine tree from which the limbs have been cut. There is a cairn of large flat stones 2 feet north of the bolt. A squared cedar post with a nail on top has been placed 2,360-9 feet due south of the station on the opposite side of the lake. The station is 4,580-2 feet from the north side of the entrance of Victoria creek on a bearing S. 60'090' E.

Crow-Coulonge Station, Coulonge River, Quebec.—The station is a copper bolt in the top of a large pine stump (21 inches in diameter) 100 feet from the south shore of the Coulonge river about 200 feet up stream from the mouth of the Crow river on the opposite side of the Coulonge. The stump is well blazed on the north and south side. It is distant 470.9 feet from a copper bolt placed in the solid rock on the north side of the Coulonge and east side of the Crow rivers at their intersection. A squared post has been placed 356.5 feet due south of the station, and the line cut out.

Gens de Terre Station, Gatineau River, Quebec.—The astronomical station is a copper bolt in the top of a concrete pier on the north side of the Gens-de-Terre river, 25 feet from the shore and 700 feet from the Gatineau river. A squared cedar post with nail on top is placed 415·1 feet due south of the station on the opposite side of the Gens-de-Terre river. A line has been cut from the astronomical station to the Gatineau river near the forks.

Lièrre forks station, Lièrre River Forks, Quebec.—The station is a screw head in the top of a blazed birch stump 15 feet east of the west branch of the Lièrre river, and 380 feet above the forks of the east and west branches. A squared post with nail on top has been placed 653-8 feet true south of the station on the east side of the east branch of the river. A copper bolt is placed in the solid rock on the west side of the east branch 730-2 feet from the station on a bearing N. 33° 30 W.

Gatineau forks station, Gatineau River, Quebec.—The station is a screw head in the top of a large forked pine stump, between the east and west forks of the Gatineau river. About 300 feet from the forks on the hog's back, between the two branches. A copper bolt is placed 292.3 feet from the station on top of a large rock face at the point between the forks, and about 20 feet above the water. A squared spruce post is placed due south of the station 818-6 feet

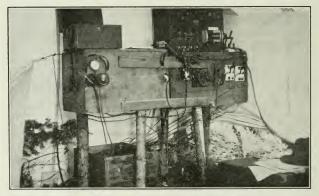
6 GEORGE V. A. 1916

on the east side of the east fork, about 30 feet from the shore and about 20 feet above the water. The lines are cut from the station to the copper bolt and the south mark.

Chaudière Dam Station, French River, Ontario.—The station is a serew head in the top of a concrete pier on the height of land west of the government offices. A copper bolt is placed in the solid rock due south of the station. The station and bolt have been connected by survey to the Georgian Bay Canal survey.

French River Village Station, Ontario.—The station is a screw head in the top of a concrete pier placed on the top of a low rock hill about 100 feet north of Mrs. Tessier's house at French River village. It is also about 100 feet from the shore of a small bay on the south side of the French river. A copper bolt is placed due north of the station. The bolt and the station have been connected by survey with the Georgian Bay Canal survey.

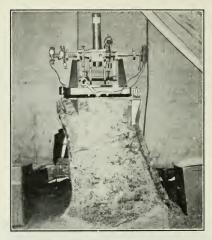
T. C. DENNIS.



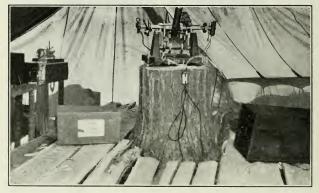
No. 13.—Portable Windess receiving instrument and comparison clock, which is electrically connected with head phones and siderial observing clock in another tent that protects the ast ronomical transit. The time signal from Washington is heard in the phone connected with the comparison clock, which registers on a chronograph ribbon.



No. 14 — Aeria! masts at Ward Lake, Coulonge river. Two wires are . . stretched between trees to receive the pulsations sent from the powerful sending station.



No. 15.—Astronomical Transit set on large stump near forks of Lièvre river.



No. 16.-Astronomical transit with siderial observing clock upon bench to left.

The following list of distances and elevations along the Ottawa river has been corrected to date. The mileage is from the mouth of the Ottawa river at the foot of Montreal island, and the elevations correspond with the Canadian bench-marks established by the Public Works Department.

OTTAWA RIVER-LOCALITIES, DISTANCES, AND ELEVATIONS.

Miles from		Low	High
Mouth		Water.	Water.
	Back River north of Island of Montreal.		
0.0	Bout de l'Ile Middle Morthern bridge Mille Hes outers north side Mille Hes outers north side Rivière des Pranies rapid, foot St. Vincent de Paul villace, north side Sault nu Recollet rapids, south side. Sault nu Recollet rapids, south side. Sault nu Recollet village, south side. C. P. Ry, bridge, head of rapid, water surface. Cartieville highway bridge C. P. Ry, bridge, head head Mille Howe rapids head Canadian Northern Ry, bridge.	16.0	
2·5 5·1	Mille Iles enters north side Rivière des Prairies rapid, foot	16-0	
6·0 10·9	" head St. Vineent de Paul village, north side.	25·0 26·8	29-0 31-6
12·4 13·9	Sault au Recollet rapids, foot. Sault au Recollet village, south side.	27·0 41·0	
14·9 16·1	Pont Viau highway bridge C. P. Ry, bridge, head of rapid, water surface	42·2 53·0	47-1
17·9 20·9	Cartierville highway bridge	54·0 56·0	60 - 5
23.9	Canadian Northern Ry. bridge	63 - 0	
$24 \cdot 9 \\ 25 \cdot 9$	Canadian Northern Ry. bridge Dutchman rapids, foot ———————————————————————————————————	67·1 68·3	81-1
	Ottawa River.		
	Foot Ste. Anne rapid, extreme low water, 5th Nov., 1895; highest water, 16th May, 1876 Ste. Anne new lock, coping 81-45; lower sill 57-7; upper sill 59-6; head of Ste. Anne rapid.	66-0	76 - 6
37.6	extreme low water, 2nd Oct., 1871; highest water on record, 15-20 May, 1876	68.3	81 - 1
38·8 39·8	Como village, south side		
40·3 45·1 48·1	Budson Heights, south side. St. Placide, north side		
49.1	extreme low water, 2nd Oct., 1871; highest water on record, 15-20 May, 1876. Como village, south side Hudson village, south side. St. Placede, north side St. Placede, north side Rigand river enters, south side North river enters, north side Carillon village, north side Carillon village, north side Point Fortune, south side		
54·6 54·7	Carillon village, north side Point Fortune, south side		
54·9 55·7	Carillon canal, lower look coning 86, 25; lower sill 58, 70; water at foot	68 · 3	83 - 3
55·7 58·1	Carillon dam Carillon canal, upper lock coping 101-20; upper sill 74-0; water at head Cushing village	78 · 2	97.7
59·6 61·4	Cushing village Chute à Blondeau village Greece Point village Grenville eanal, lock No. 5, coping 101–84, lower sill 72–2; extreme high water, 8th May, 1899,		
61.6	Grenville canal, lock No. 5, coping 101-84, lower sill 72-2; extreme high water, 8th May, 1893, extreme low water, 27th Sept., 1881 Grenville canal lock No. 4, coping 113-35; lock No. 3, coping 124-31; lock No. 2, coping, 131-71 Grenville rapids, foot, low water elevation 81-3 mondfuld village, approximately. In rapids.	81.0	99-9
62.1	Grenville canal lock No. 4, coping 116-35; lock No. 3, coping 124-31; lock No. 2, coping, 131-71.		
63 · 0 63 · 6	Stonefield village, approximately	89·0 99·0	
64 · 6 65 · 1	in rapids.	100 · 0 105 · 0	
66·1 67·1	Canadian Northern Ry. bridge, water approximately; base of rail 174.5.	111-2	
69-1	Grenville canal Loek No. 1, coping 145-59; upper sill 117-60; extreme high water 16th May. 1876; extreme low water, 27th Sept. 1881 and 30th Sept. 1887. Calumet village, north side L Origand village, south side; Rouge river enters north side Pengen with the contraction of the co	126-2	145 - 2
71·6 74·1	L'Orignal village, south side; Rouge river enters north side Pte. au Chêne, north side		
84·0 88·5	Montebello village, north side: Salmon river enters north side Papineauville village, north side Paisanee village, north side; north Nation river enters north side, and South Nation river		
93+3	Plaisance village, north side; north Nation river enters north side, and South Nation river south side Thurso village, north side, Blanche river enters; Clarence islands		
100 · 0 103 · 6 109 · 6	Thurso village, north side, Blanehe river enters; Clarenee islands Rockland village, south side; Lochaber station, north side		
110 · 4 113 · 3	Masson village, Lièvre river enters north side		
116·1 119·9	Rockland villers, south site; Lochaber station, north side Cumberland village, south side; Masson village, lièvre river enters north side Masson village, Lièvre river enters north side Angers station, north side: Petrie island, south side Petrie Bianche river enters north side East Templeton village, north side		
124 · 2 125 · 1	Catineau Point and Gatineau river enters north side Ottawa eity, Rideau river enters south side		
126.0	Hull city, north side		
	eoping, 154-11; lower sill, 122-37; extreme high water, 16th May, 1876; extreme low water, 28th Sept., 1881	127.0	152-0
127-3	Chaudière Falls dam, regulated water above, 175-0; low water foot Victoria island, 135-0; low water beneath Ottawa-Hull Union bridge, floor 164-83		

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OTTAWA RIVER-LOCALITIES, DISTANCES AND ELEVATIONS.—Con.

from louth.		High Water.	Low Water.
	Ottawa River —Continued.		
27·7 28·3	Canadian Pacific Railway bridge, base of rail 190.78, regulated water 175.0	176-4	180-
28·8 31·3	head Describes willess worth olds	179.7	187
01.9	Canatina Facilie Fairway Origge, oase of fair 130 - 8, regulated water 130 on the committee of the committee	180 · 0 189 · 8	185-0 198-9
32·3 35·8	Britannia village	109.0	190.9
3.0	Breckenridge station and bay, north side		
7·0 9·8	Breekenridge station and bay, north side Constant Bay, south side. Eardley station, north side; Sand Point and Bucham bay, south side		
32·0 34·8	Narrows		
6.1	Quyon village and Quio river enters north side. Hudson Point, north side: Carn river enters south side.		
8-8	No. on vinage and control recent control and the state of	189·8 238·3	199 251
62-0	Canadian Northern Ry, bridge, base rail 254-00.	200.0	2-71
64 - 0	Arnprior town, Madawaska river enters south side		
66·6 69·8	Assessing in we enter a start offer Armprior town, Madawaska river enters south side. Breastie village, south side. Sond Foint Village, south side. Norway Bay, north side Bristol village, north side.	1	
71·3 74·0	Bristol village, north side		
75·8 78·8	Cassellord Village, south side Bonnecher river enters south side Chemaux rapid foot, low water 1995, high water 1876. Chemaux Rapid head, low water 1995 Chemaux Rapid head, low water 1995 Polage foot village, highway bridge floor 268-16; low water above Shea island, 6th Cot. 1995 Cot. 1995	239 - 7	251
32.5	Chennaux Rapid head, low water 1905	239·8 240·5	
33-8	Portage du Fort village, highway bridge floor 268-16; low water above Shea island, 6th	241.9	
84-8	Oct., 1905. Devil's Elbow Chute, low water above 6th Oct., 1905. Low water Jove Big Elbow Island, 6th Sept., 1905. Low water Junction Calumet channel, Rocher Fendu lake, 16th Sept., 1905.	250 · 1	
88-0	Low water above Big Elbow Island, 6th Sept., 1905 Low water junction Calumet channel, Rocher Fendu lake, 16th Sept., 1905	256·0 257·0	
	Rocher Fendu Channel.		
91.2	Rocher Fendu Chute, foot; L. W. Mar., 1906	257.0	
91.8	Flat Rapids, foot; L. W. Mar., 1906.	260 · 8 261 · 0	
92.5	Long Rapids, " "	.262 · 1 262 · 1	279
93·0 93·3	La Barrière Rapid, foot: L. W. Mar., 1906.	273·0 278·4	
93·8 94·3	" head; " " Muskrat Rapid, foot: L. W. Mar., 1906	281 · 4 281 · 7	
94·6 95·3	" head; " " Mice Rapid foot: L. W. Var. 1903	288·0 290·2	
95.5	Rocher Fendu Chute, foot; L. W. Mar., 1996 Flat Rapids, foot; L. W. Mar., 1996 Long Rapids, fead; Bead; La Barrière Rapid, foot; L. W. Mar., 1996 Muskrat Rapid, foot; L. W. Mar., 1996 Muskrat Rapid, foot; L. W. Mar., 1906	291.5	
	North of La Fontaine Island,		
0.0	East end La Fontaine Island	293-4	
1.5	" head	324·3 327·6	
2.0	" head	338·0 339·7	
3.3	East end La Fontaine Island Garvin rapid, foot. Desjardins rapid, foot. Sulliyan Falls dam, foot. Bead.	344.2	
	South of La Fontaine Island.		
95.8	Lafontaine Rapid, foot. Norman Rapid, foot. head Back Rapids, foot. Black Rapids, foot. head Salida Falls Foot. head Lafontaine Foot. Head L	291·9 297·3	
96.5	Norman Rapid, foot	311·3 314·6	
96·8 96·8	Black Rapids, foot	314-8	
96·5 97·5	Black Falls, foot	326·6 326·9	
97·8 98·8	" head	337-3	
03 - 3		344.0	359
88-0	Calumet Channel north of Calumet Island.	257.0	
88.5	Junction Calumet channel. Sable rapids, foot; L. W., 1905, and H. W., 1876. Mountain Clute, 100, 100, 100, 100, 100, 100, 100, 10	257·0 257·0	268
88-6	Mountain Chute, foot; L. W., Aug., 1905	263·5 264·6	
89 - 8	" head; L. W., 1905; H. W., 1873	278-7	289

OTTAWA RIVER-LOCALITIES, DISTANCES AND ELEVATIONS-Con.

h	Low Water.	High Water.
Calumet Channel north of Calumet Island—Continued.		
Grand Calumet falls, foot; L. W., Aug., 1905. "head; "head; "Bryson village highway bridge	285·8 343·0	
Calumet village, south side	342-5	
Junction with Rocher Fendu channel, west end Calunuet Island. La Passe village, Coulonge lake; L. W., Oct., 1905; H. W., 1876. Fort Coulonge village. Coulonge river enters north side.	344-0	359
Mellon statis north side, Manny in south Mellon statis C. P. Ry, anorth side, Hemnessey bay and Sand point, south Finlay island. Finlay island, Waltham village, north side, Black river enters and Culbute channel joins. Spotswood ferry, east end Allumette island.	344.5	
Paquette rapids, foot; L. W., 1905 head; L. W., 1905; Lower Allumette lake.	352.4	
Allumette rapid, foot; L.W., Dec., 1905. "head; "head; "substitute of the substitute of the substitut	352·4 364·4	371
Upper narrows. Fort William village.		
Waitham village; Culbute Channel joins Black river enters north side Calumet river enters, Humphrey Island Nickaban river enters benth sides Nickaban river enters benth sides Chichester village Chichester village Culbute rapid, foot	345.0	
Chapeau village and highway bridge floor, 361-0 Chichester village. Culbute rapid, foot. "" head: two wooden locks in flight and dam now in ruins: lock 200° x 43° lift.	345.0	35
Culbute rapid, foot head; two wooden locks in flight and dam now in ruins; lock 200° x 45° lift. West end Allumette island. Fort William village.	365.0	
Ottawa River Continued.		
Sturgeon bay, Chalk river enters south side. Highview village south, Tap point north. Obseau rock. Schyan river enters north side. Fraser's point, lumber depot. Des Joachims rapid, foot; L.W., Aug., 1905; H.W., 1876. Des Joachims rapid, foot; L.W., Mar., 1905. Des Joachims rapid, feot; L.W., Sept., 1906. Mackey station, C. P. Ry. Diffusion of the state o		
Fraser's point, lumber depot. Des Joachims rapid, foot; L.W., Aug., 1905; H.W., 1876.	365.0	37-
Des Joachims village. Des Joachims highway bridge; L.W., Mar., 1905	377·5 390·5	40
Mackey station, C. P. Ry. DuMoine river enters north side Stoneolife	390 - 0	
Reilly's rapids, foot. "" head " MoSorley's rapid, foot. "" head " Base Creek" head "	390 · 7 392 · 4 392 · 4 395 · 2 395 · 2	
Mirabeau rapid, foot Mirabeau rapid, foot Pead. Rocher Capitaine rapid, foot	397·5 397·5	
" head Bissett's creek enters south side. Doyle's rapid, foot.	440.0	
" head. Deux Rivières rapid, foot.	442·0 442·7	
Trou rapid, foot head head head	456·1 456·1 462·6	
Maganasibi river enters north side, and Deux Rivières vi'lage south La Veillèe rapid, foot	462 - 6	
" head. Klock station, C. P. Ry.; Aumond creek enters south side	474 · 0 476 · 9	
" head	480 · 1 480 · 5	

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OTTAWA RIVER-LOCALITIES, DISTANCES AND ELEVATIONS-Con.

om		Low Water.	High Water.
	Ottawa River—Contlnued.		
3.7	Johnson rapid, foot	485.0	
4.9	C. P. Ry. bridge, Mattawa town, Mattawa river enters west side Johnson rapid, head.	492.0	506
6-6 8-8 9-4	Ottave River—Cont hued. Johnson rapid, foot C. P. Ry. bridge, Mattawa town, Mattawa river enters west side Johnson rapid, head Contender of the state of the sta	492·0 501·2	506 515
2.4	Cotton creek enters east side	502.8	521
3·5 4·4	" head Snake creek enters east side.	515·5 515·5	527 528 530
6·9 7·3	Mountain Chute, foot " head	515·7 518·2	535
7·7 3·2	Jocko creek enters west side; Eddy's farm	518-2	538
3·2 4·0	Long Sault rapids, 6th rapid, foot	518-7	539
4 - 4	" head	526 · 5 526 · 6	544 545
1.9	" " head.	530 - 5	545
5-1	" narrows, foot	530 · 6 531 · 6	547 548
5·5 3·2	" 4th rapids, foot	533 · 1	54
6.8	" " head	539·8 541·1	558 560
8·0 8·2	" " srd rapid, 100t	551.6	56
1 -1	" 2nd rapid, foot	552·0 562·5	56 57
0.4	" hear hear hear hear hear hear hear hear	562.5	57
9.7	" " head	566-2	57
0.1	Pond foot of island, Timiskaming dam, highest record before dam built, 1909; lowest, 1911 Surface when standard flow 20 000 c f s passing dam	566·3 570·9	58
0.3	Timiskaming dam: top roadway, 592-36; sill sluiceways, Ontario side, 568-36; sill sluice-		
0-6	ways, Quebec side, 564-36; highest record before dam built, 1909; lowest, 1911	575 - 4	59 58
0.9	Green creek enters west side		
1.1	Opemicon narrows, foot; H. W., 1909; L.W., 1911	575 · 4 575 · 559	59
1 7 2·6	Great Opemicon enters west side, MacLaren's bay	310.005	1
6.9	McMartin's point, east side		
7.2	Nagle's bay, west side		
8.4	Kipawa river enters east side		
3.4	Matabitchuan river enters west side		
5.1	Montreal river enters west side		
9-9	Fabre village; Lavallée bay		
1.9	Quinn point		
2·7 3·9	Young creek; L'African bay		
5.1	Little Blanche enters east side, Laperrière bay		
6-6 9-4	Fort Timiskaming narrows, H. B. Co. post		
1.4	Paradis bay, west side		1
2·9 6·7	Foot of Bryson island		
0-1	Haileybury town.	575 - 5	591
0.9	Guigues		
7.9	River Blanche enters north side: Sutton bay.		
8.9	Quinze section of Ottawa river enters Paulson bay	0	
1.2	Klock's camp.		
2.9	First chute, foot	575·5 589·3	59 60
3.1	Eel chute, foot	589-3	60
4.0	Devil chute, foot	600·1 649·1	61
4·5 7·8	Island rapids, foot	649.3	66
9.5	" head	734·0 735·5	74
0.6	Little Pipestone rapid, foot	735·5 736·3	74
11.2	Big Pipestone rapid, foot	739 · 7 743 · 4	74
1.2	nead	743-4	75 76
1.3			
1·3 1·7 3·1	Heek rapid, loot head head head head head head head head	790 - 4	80
11.3 11.7 13.1 14.0	" Ist rapid, foot " " Ist rapid, foot " " head " " head " " head Pond foot of island, Timiskaming dam, highest record before dam built, 1909; lowest, 1911 Surface when standard flow 20,000 of a passing dam ways. Quebes cide, 564–568, highest record before dam built, 1909; lowest, 1911 Regulated full reservoir. Little Openicon enters east side. Little Openicon enters east side. Little Openicon enters east side. Openicon narrows, foot; H. W., 1909; L.W., 1911. Great Openicon enters east side. MacLaren's bay McMartin's point, east side. Nagle's bay, west side. Nagle's bay, west side. Nagle's bay, west side. Nagle's bay, west side. Heenan's bay, west side. Heenan's bay, west side. Heenan's bay, west side. Heenan's bay, west side. Fabre village; Lavallée bay Silver Center enters west side. Montreal river enters west side. Pare village; Lavallée bay Silver Center village. Quim point. L'African bay Pte a la Barbe Little Blanche enters east side, Laperrière bay Fort Timiskaming narrows, H. B. Co, post Pard bay, west side. Pard of Bryson island Foot of Byrson island Foot of Byrson island Foot of Burnt is and. Halley bury (wab. New Liskeard; Wab) bay and river; Dawson point New Liskeard; Wab) bay and river; Dawson point New Liskeard; who hay and head head head head head head head head	790 · 4 790 · 4 813 · 9	80 80 83

OTTAWA RIVER-LOCALITIES, DISTANCES AND ELEVATIONS-Con.

Miles from nouth.		Low Water.	High Water.
	Ottawa River—Concluded.		
46-6	Qiase dam: top roadway 872-75 sills sluireways vary from 843-2 to 854-7; highest record (before cam built, 1914) — lowest water. Regulated full reservoir 857-38; surface when 10,000 c.f.s. passing dam. Previous to building of dam, pond above Maple rapids.	837-9	846
50 · 4	Head rapid extended from mile 447-3 to 448-2, rising to Quinze lake surface; H.W., 1909; L.W., 1914. Red Pine narrows.	850 - 9	858
56 · 0 63 · 2 71 · 0	Gillies bay, south side Smooth river enters from Roger lake north side. Narrows between Quinze and Expanse lakes.		
77·0 83·4 84·2	" head. June 1910	851 - 0	859 878
87-0 05-0	Kenojevis river enters west side, June, 1910. Grand Lake Victoria.	1,000	873
35·0 17·0	H. B. Co. post Birch lake Backbone lake	1,030	
9·0 1·0 3·0 0·0	Kapitajewan river enters north side Barrière lake and Kakabonga lake to south Bouchette lake. Head of river, Mechegama lake.		

NOTES ON A VISIT TO KEOKUK DAM, MISSISSIPPI RIVER, IOWA, U.S.A.

DEPARTMENT OF PUBLIC WORKS.

Ottawa, January 27, 1913.

Eugene D. Lafleur, Chief Engineer, P.W.D., Ottawa.

Str.—According to your instructions of the 10th of December last, we, the undersigned, have the honour to report that we have visited the water-power in course of development at Keokuk, Iowa, U.S., at the foot of the Des Moines rapids on the Mississippi river, with the object of obtaining useful information

in view of probable similar developments being undertaken in Canada.

The works under construction at Keokuk by the "Mississippi River Power Company" are the largest ever undertaken by any private company in America. The capital required, about \$25,000,000, has been subscribed in several European countries, Canada, and the United States. The amount of power to be developed is 300,000 horse-power, or about one-half of the total now utilized by five companies at Niagara Falls. Although the present installation will consist of only fifteen turbines and electric generators of 10,000 horse-power each or one-half of the ultimate installation, however, the foundations for the additional units are all built and will require but a comparatively small outlay to complete any part of or the whole installation as it becomes necessary. The city of St. Louis, Missouri, 140 miles distant, has already contracted for 60,000 horse-power for ninety-nine years. The transmission line is nearly completed, and will carry the electric current at 110,000 volts. The works are to be completed by the 1st of July next.

HISTORY.

The project of utilizing the Des Moines rapids for an electric water-power has been under consideration for a great number of years, dating back to 1848, when it was proposed to develop 10,000 horse-power by means of wing dams. In 1890, a company was organized and engaged the services of Mr. Lyman E. Cooley who made several propositions for water-powers of different capacities at Nashville, 8 miles above Keokuk, but this company was unable to finance its scheme.

A few years later, the matter was taken up by Mr. Hugh L. Cooper, Consulting Engineer of New York, who proposed the works now being carried out. He undertook to raise the funds and he organized the new company which took over the rights of the old company. In 1905, Congress passed a Bill authorizing the company to proceed with the works.

SITE.

The site of the power plant is at Keokuk, Iowa, on the west side and Hamilton, Illinois, on the east side of the Mississippi river, at the foot of the Des Moines rapids, which extend for a distance of nearly 12 miles. It is 220 miles west of Chicago; 140 miles north of St. Louis, Missouri, and 180 miles east of Kansas City. It is the centre of a population of nearly 5,000,000 within a radius of 220 miles. The city of Keokuk has a population of 15,000. The river at this place has a depth of 7 feet, the rapids have a fall of 23 feet, and are overcome by a canal, 9 miles long and three locks with 6 feet of water on the upper sill, built by the United States Government in 1877, on the west side of the river, but navigation is not practicable at low stages of the river.

CONDITIONS IMPOSED.

Several conditions were imposed by the Government before granting authority to build the water-power development by the company; such as the construction of a lock 110 feet wide, 400 feet long, with a lift of 40 feet and a depth of 8 feet on the upper sill to take the place of the old canal; the construction of a dry dock 110 feet wide at entrance, 463 feet long. These are to become the property of the Government after completion, and the power for their operation is to be furnished free in perpetuity by the company; the water level is not to be raised more than 35 feet above its present level at the site of the dam and the depth of 8 feet is to be maintained on the new lock sill. The company has to pay all damages on account of flooded lands and to raise the level of the highways and railroads on both sides of the river.

ADVANTAGES DERIVED.

The company estimates that the advantages derived by the Government from the construction of the dam and water-power are equal to a capitalization of over \$5,000,000, as the old canal and locks, built in 1877, were in need of constant repairs which, together with the cost of operating, amounted to \$40,000 a year; besides, 2 feet additional depth of water on the sill of the new lock are obtained and deep water navigation is provided for a distance of 60 miles above the dam. It is also contended that a saving of two hours will be effected by boats running in open slack water instead of through the canal.

WORKS UNDER CONSTRUCTION.

All the works are built of concrete on a solid rock foundation and consist of:—

First.—A dam 4,278 feet long plus the east abutment 290 feet and west abutment 81 feet. The dam is 42 feet wide at the bottom and 29 feet wide at the top, of

a total height of 53 feet. The dam is composed of 119 arched spans, with piers 6 feet thick and 30 feet of clear span. The spillways between the piers are 32 feet high from bottom, with vertical upstream face; the downstream face is an ogee curve. The dam is keyed into the lime-stone bottom of the river about 5 feet in depth. Steel sluice gates, 11 feet high on top of each spillway, with their ends fitted into grooves in each pier, are to be raised by electric travelling derrick as required, to regulate the level of the river. The piers support a reinforced concrete floor intended to carry the derrick and a railway track. The piers and dam consist of solid mass concrete of 1-3-5 mixture.

Second.—A power-house, 1,718 feet long, 133 feet wide, with sub-structure built of mass concrete and 70 feet high to generator floor. The substructure contains the turbine chambers, stairs, and passage ways; it is provided with two ice chutes, 30 feet wide, for sluicing out ice floating in the fore bay: the superstructure is 107 feet high, the walls are built of reinforced concrete, and there are four floors, the first containing the generators and the others contain

the oil switches, the transformers, and other accessories.

Third.—Thirty generators and turbine units, each mounted on the same vertical shaft, which is 25 inches diameter, running fifty-eight revolutions per minute. The generators are 31 feet in diameter, the turbines 16 feet 2 inches in diameter, of a capacity of 10,000 horse-power each, rated on a 32-foot head of water; this head will vary from 22 to 35 feet. A thrust bearing on rollers carries the generator, turbine, and shaft, a total weight of 550,000 pounds. The first installation will consist of only fifteen power units. The turbine chambers are 39 feet in diameter, and the water is guided so as to have the best

effect on the turbines.

Fourth.— A lock 110 feet wide, 400 feet long, with 8 feet of water on the sill, and walls 52 feet high, from 8 to 33 feet thick, with main filling culverts under the concrete side walls and branch culverts with outlets through the floor; four branch culverts on each side. The culverts are cast in concrete around steel lining as a protection against erosion. The lower lock gates are 50 feet high and consist of a steel truss sheeted with steel plates on the compression side only; part of the outer side of the frame is sheeted so as to form an air chamber which will support a part of the weight of the gate by its power of floatation. The gates are pivoted on hardened steel and bronze. The upper lock gate is of an entirely new design, it consists of a single steel caisson and is intended to carry a railway track to be used when the lock entrance is closed; the bottom part is an air chamber that may be filled with water the weight of which sinks the gate into a chamber until its top is somewhat below the lock sill and allows the boats to pass over it. As soon as the boat is in the lock, compressed air is introduced into the air chamber which forces the water out, allowing the gate to float back in place. Proper appliances are provided at each end to lock the gate in its proper position. Three gates of this design will be built, one for the dry dock and two for the lock, one of which is a guard gate, all interchangeable.

Fifth.—A dry dock, 110 feet of entrance, 463 feet long. It is to be closed with one of the gates above described. No pumps will be required for this dock as the water may be let out by gravity through a culvert having its outlet in the lower reach of the river below the power-house.

Sixth.—A sea-wall, 1,110 feet long, 45 to 70 feet high, to be built on the west side of the river to protect the railroad embankment which has been raised on account of the higher level of the river.

Seventh.—An ice-fender, 2,325 feet long, on the line of the upper limit of the forebay to exclude the ice therefrom. A 300-foot opening in the ice-fender is provided at its west end for navigation purposes. This opening will be closed during the winter season by a floating boom built of timber trusses, 5 feet deep.

The concrete structure is a series of arched spans 60 feet long with 10-foot piers between; the top of the structure will be 8 feet wide and the bottom 18 feet wide; the crown of the arches will be 4 feet below low water so as to prevent

ice from entering through the spans.

All the concrete was deposited in the dry in cofferdams built of open face timber cribs, 24 feet long, 16 feet wide and about 15 feet high, placed 12 feet apart, allowing the water to run between the cribs, when all the cribs were placed and ballasted with stone, the openings were closed with horizontal square timbers. The cofferdams were built in lengths of about 400 feet. Vertical planks were driven along the outer face and earth was deposited against the sheathing. The cribs were built by two crews; rewards were given for fast work with the result that an average of one crib was built in a day, each crib containing 22,000 feet b.m. of timber. One section of cofferdam was ready before the concrete had been completed in the preceding section.

All the works are built by day labour under the direction of the chief engineer, Mrugh L. Cooper. They are divided into two sections; the Illinois section consists of the dam from the east shore to the power-house, and the Iowa section includes the power-house, the lock, the dry-dock and the ice-fender; each section has its complete organization and plant. The bridge floor over the piers of the dam was completed as the work advanced so that it could be used for the transportation of the concrete on ears carrying 1½-yard buckets drawn by steam engines on a railway of standard gauge. Near the end of the finished part of the floor was mounted a travelling cantilever derrick, 240 feet long, which took the buckets from the cars and carried them ahead to the mould at the end of the eantilever arm of the derrick, which is 150 feet long; the derrick, tully equipped, weighs 175 tons, and runs on six wheels over 100-pound rails placed 25 feet apart.

The total amount of concrete employed in these works is about 650,000

cubic vards, the total length of the concrete works is about two miles.

All the materials used for concrete are delivered in the mixers by gravity from hoppers in which they have been deposited by cars running on an elevated railway. During the winter, the broken stone and sand are heated by steam pipes distributed in the hoppers, but no concrete is mixed when the temperature is below +20 degrees Farenheit.

The quantity of steel used in the works amounts to 7,000 tons, and the quantity of timber used for the cofferdam and forms was 10,000,000 feet b. m.

The amount expended on the plant alone was about \$1,000,000. The plant consists of: 15 miles of standard-gauge railway, 60-pound rails; 16 standard-gauge steam locomotives; 142 cars, of which 50 are dump cars; 1,700 tons of steel in derricks, steel forms, and bridges; five 10-ton derrick cars; 9 concrete mixers; 44 steam boilers; 50 miles of iron pipes, 1 to 5 inches diameter; stone crushers, capacity 3,500 cubic yards per day; centrifugal pumps; air compressors, etc.

The works were commenced in December, 1910, and are expected to be finished not later than the 30th June, 1913, or about thirty-one months, during

which about \$25,000,000 will have been expended.

The raising of the water level by the construction of the dam will flood a large area of land on both sides of the river, in which 800 private parties and companies were concerned, to whom damages had to be paid. Out of the total number of cases, only eight were not amicably settled immediately; six of these have since made satisfactory arrangements, and only two will have to be decided by a court of justice, the company having been most liberal in the settlement for damages.

A large proportion of the flooded land paid by the company is to be reclaimed and laid out into parks for local attraction on each side of the lake to be formed.

We cannot speak too highly of the many kindnesses extended to us by the secretary of the company and the assistant engineers under Mr. H. L. Cooper, the chief engineer, whom we had not the pleasure of meeting on account

of his absence from Keokuk.

The company is willing to give every facility to their numerous interested visitors to inspect the works and give all the information regarding the mode of construction; observation platforms are built on each side of the river overlooking the works, from which descriptions are given by one of the officials. We were, however, favoured by being accompanied by one of the junior engineers through all the different parts of the works for a detailed inspection.

We have the honour to be, sir,

Your obedient servants,

C. R. COUTLEE, M. Can. and Am. C.S.

V. C. VALIQUET, Supervising Engineer.

P.S.—The following details of the Keokuk work, gleaned from the company's publications, Engineering News, and other sources, is submitted as useful for reference in connection with hydraulic work.

HYDROGRAPHY.

The Keokuk dam across the Mississippi pens up the greater part, but only a part of the northern or upper river draining 171,500 square miles. Extreme floods are not experienced in this upper portion. The Missouri draining 527,000 square miles—the area of the whole St. Lawrence basin—enters below Keokuk at St. Louis, and the Ohio draining 204,000 square miles joins at Cairo. These two great rivers sometimes form a conjunction flood creating rises of 40 feet in the river surface.

The upper river is not so extreme. At the dam site, the general surface of the natural rock bottom of the river is elevation 480. Low-water elevation is 484 and high-water elevation 505, showing an extreme fluctuation of 21 feet

The Mississippi reservoir system amounts to 3,300 square mile feet, about half the Ottawa storage. The reserves are from 500 miles to 300 miles above St. Paul, Minn., which is 400 miles above the dam. These reservoirs being 700 to 900 miles distant seem to have no appreciable effect on the flow at Keokuk.

The drainage area of the Mississippi river above the dam amounts to 110,000 square miles, or double the area of the Ottawa basin. The basin consists principally of the states of Iowa, Wisconsin, and Minnesota, reaching

northward to within 30 miles of the south shore of lake Superior.

The average annual precipitation in the south part of the basin is 35 inches, but decreases northward to 30 inches at 8t. Paul and 25 inches at the extreme northern boundary. This is not much different to the annual rainfall over the Ottawa basin, but the annual run-off is apparently less, being only 0.4 c.f.s. per square mile in the northern part, and about 1 c.f.s. per square mile in the southern part of the basin.

The Keokuk power plant consists of thirty wheels, rated at 10,000 horsepower, and 200,000 horse-power electrical, is to be developed on 32-foot head. The average annual flow is about 62,000 c.f.s., or nearly 0.5 c.f.s. per square

mile for the whole area.

The sluice-ways in the dam are 30 feet by 11 feet high, and 113 in number. This would seem to be arranged for passing a maximum flow of 410,000 c.f.s., the highest recorded is 372,500, or about $3\cdot 4$ c.f.s. per square mile. The Ottawa area yields, during the May flood, 6 c.f.s. per square mile, and in parts 8 c.f.s. per square mile.

CLIMATE.

The climate is milder than that over the Ottawa basin, but ice takes to a thickness of 20 inches. During the extraordinarily severe winter of 1912, the ice was 30 inches thick in places, but broke up at the end of March. At the time of our visit, 9th January, there was good sleighing in Keokuk and frazil is was forming in the rapids. The year before, the ice attack upon the Keokuk yoffer dam (24th March, 1912) seems to have been very heavy.

TOPOGRAPHY.

Between Montrose and Keokuk, Ia., a distance of about 12 miles, the river-bed has a fall of 23 feet, forming what is known as the Des Moines rapids. The surface fall is about 23 feet at low water, and 16 feet at high water, the greater part of this fall being in the lower 8 miles. The river is in solid limestone formation, and its bed is practically smooth, so that there is no broken water or surface disturbance except during very low water and at the lower end of the rapids, where ridges of harder rock cross the bed. The river channel itself is only navigable at high water, however, and navigation past the rapids is provided for by a canal. The river here is nearly a mile wide and has a depth of about 7 feet at mean water. In a 20-year range of observations, its volume of flow ranged from 20,000 cubic feet per second at low water to 372,500 at flood stage, the mean as deduced from gauge curves being 62,000 c.t.s.

The dam will raise the water level about 35 feet at the dam, submerging a considerable area of flat land along the banks and forming a pool about 60 miles in length. About 35 per cent of the submerged land is on the Illinois side, where the bluffs are nearer to the river than on the Iowa side. On the latter side, however, the tracks of the Chicago, Burlington, and Quincy Railway will have to be raised for a distance of about 9 miles. The normal workinghead on the hydraulic machinery at the power-house will be 32 feet, but the head may vary from 21 feet at high water to 39 feet at low water, the upper

level being kept constant.

The Mississippi, except for low water, is, with the exception of a 12-foot fall at Rock island, free of obstruction from St. Paul to New Orleans.

NAVIGATION REQUIREMENTS.

Raising the river surface involved among other damages the abandonment of the United States canal along the west side of the river. Consequently a new lock concentrating all the rise, about 40 feet, had to be constructed.

A proposition that the Government should pay the actual cost of building the new lock and appurtenances was disapproved by the chief of engineers on the grounds that: (1) such an arrangement between the Government and a private corporation in the construction and maintenance of a public improvement was not desirable; and (2) that the existing works are amply sufficient for navigation requirements, the new lock being necessary only because the construction of the dam will render these existing works useless.

The upper Mississippi River Improvement Association was very active in the matter, finally the company agreed to build even a larger lock than demanded by the United States corps. The idea is that a navigation similar

to that down the Ohio will eventually obtain.

MARKET FOR POWER.

The locality of the dam will eventually be a great manufacturing district. The five million people in the power radius will require current for lighting, domestic purposes, and for street railways. The raw products would seem to be chiefly agricultural, but steamboats and barges may of course transport bulky materials from distant points, eventually.

The Ottawa valley has great agricultural productions, but in addition has much mineral and forest products. It is a superior power district to Keokuk

in all respects, except population.

COFFERDAM AROUND POWER-HOUSE.

A great deal of timber was used for cribwork and concrete forms. It came from Louisiana and Mississippi, sawn ready for use. With us, it would generally be economy to have a saw-mill at the site.

Standard gauge tracks connect up to all parts of the work, so that car loads of timber and stone filling for cribs were run out to the very spot at which

The half mile of cofferdam for the power-house, which lay in the direction of the river current, was, of course, subject to scour. This would have carried away the clay seal deposited along the outside toe, but shoulders were built out from the general line of cribwork to baffle the current. The upper shoulder was extended out 100 feet into the river in March, 1912, as additional protection against ice attack.

The cribwork cofferdam around the power-house was 25.5 feet high to withstand maximum floods, and that of April 6, 1912, rose to within 3 inches of the top. The cofferdams pocketing the various sections across the river did not attempt to keep out anything but ordinary floods, as it was found

cheaper to allow them to flood, under the circumstances.

Cribs were scribed to the bottom and were 24 feet long by 16 feet wide, built with full open joints and without dovetails; rough vertical planks inside retained the stone filling. They were built ashore, launched and finished floating and set by guy lines with a space of 12 feet between. After the cribs were loaded with stone, the gap was filled with stoplogs, the upstream face was sheeted with 3-inch plank set vertically, and then earth was dumped along the toe from cars. Stone was deposited on top of the earthfill, if it needed protection from the current. Timber and some of the filling was handled by standard-gauge derrick cars, and the boring and spike driving was done with pneumatic tools.

The power-house site required 150 cribs to inclose the space 700 feet wide by 2,000 feet long round three sides, the old canal bank forming the shore side of the rectangle. Work was begun January, 1911, but was only rapidly under way by middle of March. The upper half of the area was inclosed 20th April, and unwatered by the 11th May, so that dust was flying. All these cribs were braced to give additional strength; they were built in about 8 feet of water. A bonus was given if one crib per day was built and set for a period of twentyfive days by each crew. The crib filling was from a quarry near by that was stripped and excavated by steam shovel, then hauled in 12 cubic yard air dump cars. This cofferdam proved to be very tight and has given no trouble. A 6-inch centrifugal pump easily handles all the leakage.

COFFERDAM ACROSS MISSISSIPPI.

On 1st March, 1912, all piers up to and including No. 82 had been built from Hamilton, across to Keokuk, and cofferdam No. 3 was pumped dry, leaving $19a - 4\frac{1}{2}$

450 feet to close. The final gap between the river cofferdam and the power-house was closed July 22, 1912. The method of building this last part was similar to that followed before. Cribs were placed and loaded with stone, the water finding a flow-way in the spaces between. No difficulties arose until in the last 200 feet when, in addition to the greater current and depth, the rock bottom for the first time was found covered with gravel.

The cribs were made larger, more heavily loaded, and placed touching each other. A strong fender boom was moored along the upstream face of

the cribs already built and extended out to baffle the current.

The new crib bottom was built on a car, run out to the end and swung to place under the lee of the boom, to which it was made fast. It was then

gradually sunk to place and filled with stone.

The building of the ogee part of the dam was done in lifts to avoid excessive depths due to raise of surface. No concrete was placed during February, 1912, owing to continued cold, and in March, an ice jam, below the site, flooded the works; this emergency, however, was expected, and all the plant was taken out. The ice gorge below gave way 24th March, and the increased current brought down a heavy ice attack. The piers, which were only four months old, were subjected to swiftly moving cakes of ice, 2½ feet thick and 30 feet by 109 feet in size, with no resulting damage. The cofferdam across the river remained flooded till 1st May, but the previous good progress prevented this delay from seriously affecting the general advance, the last section of the cofferdam connecting with the power-house.

CONSTRUCTION PLANT.

For construction, compressed air was largely used, except for locomotives at steam shovels. The power plant on the Keokuk shore consisted of five boilers of 1,000 horse-power total capacity, and one 350-horse-power and one 150-horse-power air compressors at 125 pounds pressure. On most works it is desirable that the power be centralized, and compressed air is simple, safe, and effective. It can be used in ordinary engines for derricks, mixers, and pumps; also for drilling, cleaning hobs and surfaces, and for painting and whitewashing machines. About \$1,000,000 has been spent on plant, which is much less than 10 per cent of the cost of the work.

A water supply was obtained from 1,000-gallon tank; there was also an electric lighting plant which allowed of working full time, even during short

winter days.

The sand supplied for both sides of the river was obtained 2 miles below the dam at the mouth of the Des Moines. It amounted to 300,000 cubic yards, and was pumped by a dredge to a shore pile, whence it was handled by two cubic yard clam derricks on to 12 cubic yard cars, which had running rights over the C. B. & Q. railway.

TYPE OF DAM.

It was decided to install a plant and build from the Illinois side on account of securing greater space for machines and material, better railway service,

and because there was a good quarry obtainable nearby.

The gravity type of dam was chosen, as the large quantities of concrete could be placed more cheaply in mass, and there was no bother with the setting of reinforcing rods in the field. A very weighty and solid job was the ideal aimed at. The concrete was one cement, three sand, and five stone, but displacers do not seem to have been used extensively.

EAST SIDE PLANT AND MATERIALS.

The east side plant, including the quarry, are comprised in a circle of 600 feet radius, the centre being the end of the dam. The quarry was 300 feet from the end of dam. Its face was 35 feet high, and there was about 8 feet stripping. Well drills, making 5½ inches holes, were used, the average depth being 38 feet, with holes spaced 15 feet apart and 20 feet from the face. The explosive was 60 per cent dynamite, with two fuses in each hole, fired by dynamo current. There was considerable trouble with freezing.

One row of holes shot, gave employment for six weeks to a 100-ton steam shovel, loading into 12 cubic yard air dump cars. The force was fifteen men, and about 1,000 cubic yards per day was the output. This was hauled to and dumped into a large crusher, which took 1-ton pieces without hand breaking.

The dust and fine stone was carried away from the crusher by a conveyor to be used in road-making, and the rest passed through a rotary screen throwing out 4½ inch stone to be recrushed in small crusher. All the stone passed down a chute into a bin holding 500 cubic yards. Beneath this bin were tracks leading up an incline and two 5 cubic yard bottom dump cars carried the stone by air winch up to the 700 cubic yard bin above the mixing machines.

Sand from the DesMoines river is brought to another bin above the incline and hauled up on a third track to a bin above the mixers in a similar way to the

stone.

Cement is stored in a 10,000-barrel shed, which abuts the mixing machine. There are four 1½ cubic yard air-run Smith concrete mixers set in concrete arches, which support the stone and sand bins. Steel chutes with valves, opened by air cylinders, convey and measure the charges of stone and sand. Cement is lead to the mixers by a hand-operated chute, and a measured quantity of water comes from a tank above, while the mixers are revolving.

The concrete is hauled away by light locos and flat cars, upon each of which are two 1½ cubic yard bottom dump steel skips. Each skip is spotted at the mixer and, when all are filled, the train is run out under the large traveller which lifts the skip to the forms. The east-side plant placed some 200,000

cubic yards in the dam.

CONCRETE PLANT EAST SIDE.

The concrete structure for the mixing plant has four arched openings. in each of which is a mixer of the drum type, of 11/2 yards batch capacity. Just above the mixer is a floor on which are the cement hopper and the measuring chutes from the stone and sand bins above. The gates of these chutes are operated by compressed-air cylinders, but the gate of the cement hopper is operated by hand. The proportion of stone is a fixed quantity, but the proportion of sand can be varied slightly (to suit the size of the stone) by means of turnbuckle and screw attachments on the operating levers. Water is supplied from a barrel fitted with a measuring gauge. One man operates the gates of the measuring hoppers, handles the water valve and starts and stops the mixer. The cement is emptied from the sacks directly into the hopper, where it required to be stirred with a paddle to make it run quickly into the mixer. The men handling the cement wear respirators, covering nose and mouth, as a protection against the dust. Each mixer is driven by a vertical engine which is operated by compressed air in summer and steam in winter, the exhaust steam being then required to heat the sand and water.

The concrete plant on the west or Keokuk, Ia., side is very similar to that on the Hamilton, Ia., side, but the crusher is close to the mixers and elevates directly to bins above them. This is the more compact plant of the two, but on each case the excavated stone is hauled to the mixing place and then crushed.

WINTER WORK.

Winter work was not carried on when the temperature was below 20 Farenheit, still all pipes, both for air and water, had to be protected, and the sand and mixing machines were heated. Exposed concrete was covered with tarpaulins, and steam radiators kept the air warm beneath. These precautions were quite sufficient to have admitted of continuous work, as the results at Timiskaming dam have amply proved.

CONCRETE MATERIAL.

All cement is given a seven-day test at the mill, and is shipped in sealed cars to the plant, where it is again tested at the laboratory. More importance is attached, however, to the tests of the mortar, in order that it may be seen whether this is being made properly and economically. At the concrete mixing plant, samples of the mortar are taken every morning and afternoon, and tested at once as to proportions. Briquettes are made for future tests at 7 days, and at 3, 6, 9, 12, and 24 months.

The stone for concrete for the main dam is obtained from a quarry adjacent

to the construction plant of the Illinois division.

The concrete plant capacity is 1,200 cubic yards per 10-hour day, which required 100 cars (12 cubic yards) of broken stone, fifty cars of sand, and six cars of cement. Eight hundred 1½ cubic yard batches are mixed and a like number of skips are filled, hauled to place and deposited. Besides machinery, force employed was 250 men, say 5 cubic yards of concrete per man, per day. There are about 300,000 cubic yards of concrete in the power-house, lock and retaining walls on the Keokuk side.

STEEL FORMS FOR THE DAM.

The use of steel forms on a large scale is one of the many special features of the work and these forms are of a novel design, originated by Mr. B. H. Parsons, the mechanical engineer. They are built of structural steel shapes and faced on the inner side with steel plates. For the pier form, each end consists of a vertical panel or leg the full width of the pier, and to the sides of these are bolted horizontal girders, 5 feet high, forming the side panels. Each panel is slightly shorter than the one below, to provide for the batter of the end of the piers, but they are made interchangeable, so that a panel for any given height can be used at any pier. In the upper panels, diagonal members are used so that the structural framing forms a truss. This is done in order that when the lower panels are removed the upper ones will be strong enough to carry the load of green concrete in the arches.

Each arch centre is composed of three-hinged trusses, and made in two sections, with a transverse joint at crown; it consists of a series of shallow trusses carrying the curved plate which forms the lagging. At the springing they are seated on the pier forms; at the crown are horizontal lugs which come into line and admit of driving longitudinal pins. This insures accuracy and rigidity. To release the center, the pins are driven out, allowing the two half

forms to fall away.

A special feature of the work is the manner in which accurate position of pier forms is secured. In advance of the work a small concrete pedestal is built on the rock bottom at the location of each end form; this extends the full width of the pier and has upon it a cast-iron shoe which is set and anchored at lines and levels given by the engineer. The shoe has two pins or dowels on the top face, to engage with holes in the bottom member of the end form.

Thus each pier form is given exact position, and is held in position by the dowelpins at the base and the connections to the longitudinal trusses and struts at the top.

Ten complete sets of pier and arch forms were used, the pieces weighing

 $4\frac{1}{2}$ to $6\frac{1}{2}$ tons.

For the dam sections between the piers, a pair of steel trusses will be fitted to recesses in the latter; one of these (near the upper side of the dam) is a little above the crest level, and the other (at the lower side) is a little above the toe. Beneath these will be fitted the forms carrying the lagging shaped to the contour of the downstream face of the dam. For the vertical upstream face, steel panels will be braced between the piers.

All forms are left in place for about a week, with five days as a minimum. As to speed of erection, the record is the erection of a complete pier and arch

form in 5 hours, 20 minutes.

TRAVELLERS.

One of the most interesting features of the work is the use of a steel traveller for handling and placing the concrete, this machine closely resembling the travellers used in steel-bridge erection. The cars carrying the concrete buckets are run under the rear end of the traveller; a trolley then picks up a bucket, runs it out on the forward cantilever end and lowers it to the cofferdam or form. As the work advances, a track is laid along the roadway over the

arches, and the machine is moved forward.

The traveller consists of steel trusses 25 feet apart, the rear portion having a length of 90 feet, and the cantilever portion 150 feet. The rear portion is mounted on six wheels running on a track of 100-pound rails carried by steel I-beams embedded in the concrete surface of the bridge which surmounts the dam. These I-beams are to carry the rails of the permanent traveller for handling the gates. The top of the I-beams is flush with the surface of the concrete, and pockets beneath its upper flange (to receive the bolts for the rail fastenings) are formed by cast-iron blocks which are made in two pieces, so that they can be removed when the concrete has set. Three railway tracks are laid through the rear or supporting portion of the traveller, there being a clearance of 24 feet in width and 16 feet in height. On these tracks are run the concrete trains, a semaphore over each track (on the back of the elevated engine-house) being used to signal the enginemen when to run in their trains.

The total height of the traveller is 65 feet, and its deck is 25 feet above the rails. This deck carries three runways, 210 feet long, one over the centre of each supply track. On each of these runways is a travelling trolley hoist, with its hoisting and travelling cables operated by two compressed-air engines, a large receiver being mounted on the machine. The engines for each hoist are operated by a man stationed in an engine-room below the deck, where he has a good view of the cars below and the runways above. At the end of each runway is a boy who has full view of the work below and signals the engineman by telephone as to the movements to be made. This avoids the confusion of hand signals or shouted orders. The concrete is delivered in 1½ yard drop-bottom buckets placed on flat cars; the trolley picks up a bucket, runs it out, lowers, raises, and returns it.

The machine weighs, with all its machinery, about 175 tons; this weight is carried by six wheels on the two rails. The equipment includes three 10horse-power engines for traversing the trolleys, at 500 feet per minute; and three

40-horse-power engines for hoisting, at 150 feet per minute.

For the complete work on the dam there are four travellers in use. The first is a steel frame, with booms for erecting the forms; this is carried by rails on stringers supported by long ties resting on the side trusses of the last completed steel forms, which thus serve as falsework. Following this is the cantilever traveller above described, which is used solely for handling and placing concrete. Behind this is a steel frame with booms for taking down the forms on the completed work behind the concreting traveller. The fourth traveller is also a steel frame with booms, and is used for depositing the concrete of the dam sections between the piers; the buckets are lowered over the side and dumped into chutes which deliver it to the required position.

For the work at the power-house section on the Iowa side, there are four cantilever gantry cranes; these have bridges 195 feet long over all; the main part spans the excavation and is supported by two bents 120 feet apart. Beyond one bent the bridge extends 60 feet as a cantilever, spanning tracks laid along the side of the excavation. Behind the other bent is a cabin containing the machinery for driving the hoisting and travelling cables of the trolley; this machinery is operated by compressed air. The trolley has a travel of 170 feet and a hoisting capacity of $4\frac{1}{2}$ tons. The four cranes travel on two lines of rails. one at each side of the excavation. For the excavation, these cranes will handle the skip loads of broken rock, dumping them into cars on the upper level, these cars being run on tracks spanned by the cantilever. For the concreting, they will take the dump-buckets from cars on the same tracks and convey them to the required point. To the left and beyond the travellers is the cofferdam. Each crane has two 40-horse-power engines for hoisting at a speed of 150 feet per minute, and two 10-horse-power engines for traversing the trolley, at 500 feet per minute. As on all the other travellers, the engines are operated by compressed air. The total weight of the crane, with all its machinery is about 75 tons, which is carried by two wheels under each bent.

EXCAVATION.

The power-house excavation began 5th May, 1911, and 27,000 cubic yards were taken out by August, the material going to raise the C. B. & Q. railway tracks. It was all rock and, after blasting, was removed by steam shovel, which was loaded into skips handled by large travelling cranes.

The lock pit was begun 28th July, with a force of men and two stiff-leg derricks, this was the only place where channelling machines were used, and they seemed to have been confined to the trenches for filling culverts. The excavation for foundations of the retaining wall, 11,000 feet long, which will protect the raised railway track, was also carried on at the same time as the lock pit.

The excavation for the foundation of the dam proper was always several hundred feet ahead of the concrete. Over a quarter of a mile, or 40 per cent of the whole length on the east side of the river was through dry fields, and done without cofferdam. After the over-burden of earth was removed, the shale and soft rock was blasted out, A depth of 4 feet was always excavated in the rock to provide a good footing for the dam.

To test the rock, however, for seams, 6-inch holes were drilled every 36 feet to a depth of 30 feet. A time record was kept, and if the rock seemed soft, it was tested with compressed air, observations being made to find if the pressure was reduced by leakage.

The first cofferdam for the river section extended from pier 49 to pier 76, about 1,000 feet. The upstream side was formed of cribs loaded with stone, with spaces between each crib filled with stoplogs. The downstream side consisted merely of earth dumped from trestle work. When the piers and arches were completed in any section, the cofferdam was torn out, allowing the water to pass through between the newly creeted piers. About four piers and arches were creeted each week, and there was no trouble from the arch tending to kick over the pier.

During the fall floods of 1911, when 69 piers had been built, 20 of which were in the first section of cofferdam, the whole work was flooded. Through the weather bureau, ample warning was given, and all machinery had been removed when the water poured in, 17th October, 1911.

Each section of cofferdam was pumped out by a battery of two centrifugal pumps, 6-inch discharge, run by three vertical steam boilers. There was no mud on top of the rock, so drilling was at once begun. The holes were 4 feet deep generally and spaced 4 feet apart, and three or four lines were blasted

together.

The broken rock was loaded into skips by men, and swung out over the dam into the river by two derricks, which moved along on skids and rollers. The width of the foundation trench was 48 feet, and the sides were carefully blasted. It seems remarkable that channelling machines were not used to secure a sharp edge as a cut-off against water seapage. One would have expected a small steam shovel to have excavated this foundation rock with a gantry crane to hoist out the loaded skips.

At the time of our visit, the dam had been pushed across the river, and the only excavation was in the tail-race along the power-house. This was in rock 22 feet deep, 2,000 feet long and 50 feet wide at the north end, increasing to 250 feet at the south end. The rock was loaded onto cars by steam shovel

and taken to the crusher for concrete.

SLUICE GATES.

The gates or stoplogs (which act as flash-boards) for closing the openings above the spillway crest, are steel panels, 11 feet high and 32 feet long over all; these slide in grooves in the piers, and the downstream sides of their ends rest against cast-iron seats set into the face of each groove. Each gate consists of a framework of 18 inch I beams covered with \(\frac{3}{6} \) inch steel plate on the upstream face. These gates will be handled by a traveller or derrick car running along the bridge which forms the top of the dam. When raised they are held in position by a locking device.

As already stated, the rise in surface, due to the dam, has necessitated the building of a lock by the power company. The final arrangement with the United States Corps and the navigation interests, led to a change of length of 400 feet with a width of 110 feet and depth on sill of 8 feet. accommodate a possible navigation similar to that of the Ohio river.

The absence of an entrance wall at the upper end of the lock is noticeable. We were told that a heavy boom would eventually be placed to guide in boats.

The lower sill is elevation 477.65, and the lock floor is finished to the same level. The upper sills are elevation 511.00 and the coping elevation 530, or 5 feet above high water.

The lower end of the lock has arched mitre gates attached to a frame with two diagonals that takes up all the dead weight, the arch carrying all the water pressure. These gates are 49 feet high, and each leaf is 66 feet 4 inches long. curved to a radius equal to its length, the weight is about 300 tons. The specification follows in case it may be required for reference:-

SPECIFICATION FOR MITTE GATES.

The work to be done under these specifications is the construction of a pair of mitering lock gates and appurtenances finished complete and ready and consisting of the following:-

Two (2) sets of foundation castings, complete, with pintles and fittings.
Two (2) anchorages, complete, with upper pintles, cast-iron curb, floor plates and other fittings.

Two (2) sets of reaction castings and fittings for quoins.

Two (2) leaves forming one mitering lock gate, complete, with buoyancy chambers and tubes with air locks for access thereto, foot walk and cast-steel

and other fittings as shown.

Each gate leaf will consist of the following: Thirteen arched ribs curved to the arc of a circle of radius 66′ 434″. These ribs will be framed together from top to bottom of leaf by heavy girders forming the quoin and mitreposts and by nine (9) lines of intermediate framing. The quoin and mitre posts are further reinforced and pressure from arch rib distributed by cast-steel castings in a continuous line from top to bottom, with fittings as shown. The frame thus formed will be covered on its convex side by steel plate stiffened as shown and caulked water tight over its entire surface.

The curved shell of leaf described above will be reinforced by heavy steel framing on its concave side, designed to sustain the entire dead weight of leaf and to prevent warping of leaf under any circumstances, with particular reference to power applied at top to open gate against maximum head of water allowed.

Except as otherwise indicated, all parts of work will be of structural steel of a class known as railway bridge steel, except for rivets which shall be of a class known as rivet steel. The quality of this material and workmanship on same shall be in accordance with standard specifications of American Steel Manufacturers, revised February 6, 1903.

Steel castings.—The process of manufacturing may be selected by the builder but material must not contain more than 0·06 per cent phosphorus or sulphur. Finished castings must be sound and free from sponginess, pittings, cracks or blow holes and must be thoroughly annealed before finishing. Standard test pieces shall develop an ultimate strength of from 65,000 to 70,000 pounds per square inch, an elastic limit of not less than one half the ultimate strength, on elongation of from 18 to 20 per cent in 2 inches, and shall bend cold through 180° to a radius equal to thickness of test piece without fracture on an outside of bent portion.

Nickel steel.—This material to be used for pintles. They shall be forged from ingots or blooms of sufficient size to ensure sound metal and shall be thoroughly annealed before machining. The material shall contain not more than 0.04 per cent phosphorus, nor more than 0.05 per cent sulphur and not less than $3\frac{1}{4}$ per cent of nickel. Standard test pieces shall show ultimate strength of 90,000 to 100,000 pounds per square inch, an elastic limit of not less than one half ultimate strength, and elongation of 18 per cent in 2 inches.

Workmanship must be of highest quality and precision to ensure accurate alingment of each leaf and proper performance of whole gate when subjected to the stress incident to its functions as lock gate. Castings must be accurately machine finished as indicated, with bolt holes drilled or reamed to match and provided with fitted bolts. Quoin and mitre post castings must have finished bosses opposite junction of arch ribs. Finished parts and members must be true to line and dimensions and the whole work must be assembled in the shops during manufacture and each part fitted and marked with a steel stencil for identification on erection, drawings to be furnished by builder. Arched ribs must be milled accurately to line at ends to ensure efficient butt joints. Rivets will be ³/₄ inch and ²/₅ inch diameter, and holes for same will be reamed to match when parts are assembled during erection. Rivet holes will therefore be punched proper size for reaming in the shop. Edges of plates forming watertight skin of gate and buoyancy chamber with its partitions will be sheared, leaving clearance between adjoining plates, and all joints between these plates will be

provided with fitted outside butt straps bevel sheared for caulking. Pitch line of rivets must not be more than 2 diameter from edge where caulking is required, and such rivets shall be spaced about 3½ diameter. Pintles must be finished and polished to dimensions, and bushings for same finished smoothly to fit. Bushings for upper pintles to be bored and grooved for lubrication, and castings containing same to be bored and fitted with compression grease cups of suitable capacity. The hole to receive the bushing in these casting to be rough board 2 inches smaller in diameter than shown, so that final boring may be done after anchorages are bedded in the masonry.

Machine finished surfaces must be coated with white lead and tallow and be otherwise fully protected against injury before shipment. Inaccessible surfaces shall be coated with red lead before assembling and riveting up in the shops, and all other parts of the work shall be thoroughly coated with pure

linseed oil before shipment.

The manufacturer shall furnish each and every part, piece, and member requisite to the entire completion of the work as shown or specified herewith including fitting-up bolts and field rivets (with 10 per cent excess for waste), and each such part or member shall be finished, complete, ready for assembling and erection in place. Erection and all field work will be done by this company.

The manufacturer will submit complete shop drawings to the company

for approval before work is commenced in the shop.

Each leaf of this gate will be operated by a machine similar to that used

in the Panama Canal locks.

The lock has a main gate and safety gate of the floating or disappearing type, and the gate of the dry dock is similar. They are designed to serve as a railway bridge also. This type applies particularly well to this situation as the upper sills are 20 odd feet above the river bottom.

SPECIFICATION FOR FLOATING GATES.

The work to be done under these specifications is the construction of three (3) floating gates and appurtenances, all exactly alike and interchangeable, finished complete, ready for erection, all as shown on the drawings enumerated on this sheet and consisting of the following: Three gates with guide runners, gears, shafts, buoyancy chambers, etc., and all fittings for same, except air piping, valves, and gauges, railroad track material and woodwork.

Three sets of reaction castings with bronze anchor bolts and all fittings.

Three sets of bed plates with bronze anchor bolts, to receive gates when

open.

Three sets of guide castings with bronze anchor bolts and all fittings.

Three sets of gate latches or supports complete with bed plates, anchorages,

connecting rods, air cylinders, etc.

Each gate consists of two vertical trusses 112' 0" long c. to c., spaced 15' 0", apart c. to c., and connected together in plane of top chords by a horizontal truss and in plane of bottom chords by lateral bracing; all in the form of a deck railroad bridge. The downstream truss is, in fact, a plate girder, and its web is heavily reinforced to sustain hydrostatic pressure, thus forming the waterproof barrier of the gate. The resulting pressure along top chord of this truss is sustained and carried to the lock walls by the horizontal truss at top of gate. The bottom chord and end frames of this girder are fitted with oak contacts which take bearing upon and transmit pressure to cast-iron sills bedded in the masonry sill and walls of the lock. These gates will also act as railroad bridges, for which purpose floor beams and stringers are provided as shown.

The floatation of each gate is by means of two displacement chambers of fixed volume, and one open bottom buoyancy chamber as shown. The volume

of displacement in buoyancy chamber will be under control of the operator's house, whereby each gate may be opened or closed (i.e., lowered or raised) at will—compressed air will be conducted from the lock power-house through pipe galleries to proper points under each gate. The oak bearing along the bottom and ends of gate will not be in contact with masonry or reaction castings at any time, except when gate is in closed position. Each gate will be confined to position and transverse alignment by guide runners sliding in vertical castiron guides bedded in the lock walls at each end of the gate. These guides also form toothed racks which engage a spur wheel at each end of gate and as each spur wheel is keyed fast to a shaft which extends from end to end, the simultaneous movement of every part of the gate and its longitudinal alignment are assured. Each gate will be locked in closed position by the mechanism shown and each gate may be raised and floated out of its recess (to dry dock or to replace either of the other gates) without removing any part and without assistance other than tow lines and barges lashed alongside to prevent turning turtle.

Except as otherwise indicated all parts of the work will be of structural steel of a class known as railway bridge steel, except for rivets which will be of a class known as rivet steel. The quality of this material and workmanship on same shall be in accordance with standard specifications of American Steel Manufacturers, revised February 6, 1903.

Steel Castings.—The process of manufacturing may be selected by the builder, but material must not contain more than 0.06 per cent phosphorus or sulphur. Finished castings must be secured sound and free from sponginess, pittings, cracks and blow holes, and must be thoroughly annealed before finishing. Standard test pieces shall develop an ultimate strength of from 65,000 to 70,000 pounds per square inch, an elastic limit of not less than one-half the ultimate strength, an elongation of 18 to 20 per cent in 2 inches, and shall bend cold through 180° to a radius equal to thickness of test piece without fracture on outside of bent portion.

Workmanship must be of highest quality and precision to ensure accuracy of fit, alignment and dimension of the gate as a whole and its several parts and members. The whole work must be assembled in the shops during manufacture and each part fitted and marked with a steel stencil for identification on an erection drawing to be supplied by the builder. When so assembled (all field holes previously sub-punched) must be reamed parallel to a diameter 1/16 inch greater than the rivet to be used. Rivets will be 3 4 inch and 7 8 inch diameter. Abutting edges of plates forming water tight skin of gate and buoyancy chamber must be planed to fit and all joints between these plates will be provided with fitted buffstraps, bevel sheared for caulking throughout. All other joints in this water tight work must be fitted in a manner providing for caulking. Pitch line of rivets must not be more than 2 dias. from edge where caulking is required and such rivets shall be spaced about 7 1/2 inches diameter. Castings must be accurately machine finished as indicated with bolt holes reamed to match and provided with fitted bolts.

Machine finished surfaces must be coated with white lead and tallow and be otherwise fully protected against injury before shipment. Inaccessible surfaces shall be coated with red lead before assembling and riveting up in the shops, and all other parts of the work shall be thoroughly coated with pure linseed oil before shipment.

The manufacturer shall furnish each and every part, piece, and member requisite to the entire completion of the work as shown or specified herewith, including fitting-up bolts and field rivets (with 10 per cent excess for waste) and each such part or member shall be finished complete, ready for assembling and erection in place. Erection and all field work will be done by this company.

The manufacturer will submit complete shop drawings to this company for approval before work is commenced in the shop.

VALVES.

Besides the sluice gates of the main dam and the gates to close off the water from the intake to the turbines, there are several smaller openings to be closed. These are the filling and emptying valves of the lock and dry dock. There are four inlets and four outlets for the lock, each of which is a cylindrical valve 6.5 feet diameter. The inlet valves close the tops of vertical shafts leading to the large conduit in the eastern lock wall. This inlet is elevation 507, or 12 feet lower than the low water of the upper reach.

There is no curtain wall to seal the entry and create a draft tube action which would utilize the total head of 20 feet between the upper and lower reaches. Possibly one valve could have been made sufficient with this head, instead of

four valves under only 12 feet head.

The outlet valves close vertical adjutages leading up from the main conduit, when opened the water spouts up and runs away from the back of the wall into the lower level. These valves are raised and lowered by a screw

stem, but it is not clear how compressed air is applied to this work.

The other valves used are 6.5 feet diameter butterflies for filling and emptying the dry dock. These are of cast-iron covered with light steel plates to present a smooth surface to the passing water. They close vertical conduits, but do not come quite to the horizontal position, so that they close on a bevelled joint which forms a tight seal. They are operated by a vertical connecting rod which is pressed up or down by compressed air.

COMPRESSED AIR POWER.

Notwithstanding the immense amount of electric energy generated in the power-house close by, the lock is operated by compressed air obtained by two turbines belted to two compressors. The turbo-compressor sets are placed in the heavy wall joining the head of the lock with the power-house.

Presumably the air will be led into reciprocating engines, which will operate the cylinder valves and the lower gate opening machines. For the butterfly valves in the dry dock a single stroke of a cylinder secures direct operation. Air is particularly well adapted to the operation of the head gates by displacing the water in the buoyancy chamber.

It is interesting to compare the hydraulic cylinder method of operation at the Soo, Mich., with the electric operation at our Canadian Soo, and these

again with the compressed air system at Keokuk.

OPERATION OF LOCK.

As stated, the valves are operated by compressed air, and the lower gates will be operated by the same power through a large horizontal wheel, to the rim of which the gate strut is attached.

To fill the lock the cylinder valves situated at the upper end of the river wall will be opened. The water will flow down a vertical shaft into the longitudinal wall culvert, the centre of which is about floor level. From this conduit eight 6-foot diameter pipe culverts extend out underneath the lock floor. The wall conduit is 13 feet diameter down to the first pipe, 12·5 feet to the second pipe, and diminished down to 6 feet at the last pipe. Each pipe under the floor has seven vertical adjutages up through the lock floor, the total number being fifty-six, and through these the water spouts to fill the lock.

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To empty the lock, the cylindrical valves at the rear of the river wall are opened and the water flows down through the wall into the conduit and out through the valves to the lower reach.

DRY DOCK.

This is located alongside the lock and is 400 feet long by 110 feet wide at entry and a draught of at least 8 feet. The west wall of the lock forms one side of the dry dock, while a paved slope forms the other, the lower end is closed by a concrete wall reaching from the foot of the lock across to the shore. The upper end is closed by a single floating gate similar to that of the lock. The floor of the dry dock is elevation 511, but is not concreted, the rock filling from nearby excavation being considered quite sufficient.

The dry dock is emptied by gravity through butterfly valves and a dive culvert to the lower reach. Adjacent to the dry dock are the lock grounds with storehouses, saw-mill, and carpenter and machine shop, through which standard-gauge track connections are run to the nearby railway. There are nine tracks in all, three passing through the shops, two through the warehouses, and two leading close to the edge of dry dock. This track system is very desir-

able and worthy of close study.

ICE SKIMMERS.

Stretching from the upper end of the power-house to the shore across the head bay for 2,300 feet are a series of submerged arches to keep floating ice from entering. There are twenty-five piers in all, spaced 70 feet centre to centre, each opening spanned by concrete beams, 60 feet long, 8 feet wide and 15 feet deep, the bottom being under water. There is, however, a 300-foot gap to pass navigation, and this will be closed by a boom in winter-time. Across these piers and over the main dam, standard railway tracks will be laid, and a revenue obtained as a bridge across the Mississippi.

Owing to the great cost of a large cofferdam shutting off the river when the ice fender was to be built, it was decided to construct small caissons within

which the concrete for each pier would be placed.

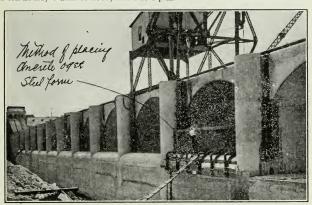
Each caisson consists of four oblong boxes which are water tight, and they are designed in such a manner as to permit their being locked together, when in place, and unlocked, when they are ready to be taken down and moved. The space between the oblong boxes of each caisson is the exact size of the pier, so that when the caisson is sunk into place by means of filling the boxes with water there is no additional form work necessary for placing the concrete. The caisson thus stills the water and the concrete is then mixed dry without any water being added to it, and placed by means of a scaled steel box with a bottom dump.

LABOUR.

The Americans are left to find their own quarters in Keokuk or Hamilton. The foreigners (mainly Italians and Austrians) are housed in bunk-houses, which are built by the company and let to the men for a small rental. The men provide their own food and cooking. Each bunk-house accomodates sixteen men, and is provided with running water and electric light. Watchmen are provided to keep order, and a doctor in Keokuk acts as the company's medical officer; he visits the work and the two camps, inspects the men and sees that proper sanitary conditions are maintained. He has an office on the work, with a man in charge who is kept advised of the doctor's movements, so that the latter can be called by telephone at any time. At each camp there is a room, with necessary instruments and appliances, for dressing wounds and attending to any emergencies. Swamp lands and waterholes near the work are sprinkled with oil to prevent trouble from flies and mosquitoes.

It is most desirable that inspectors holding St. Johns Ambulance certificate should be employed by the Provincial Governments to travel through camp districts, giving first aid and enforcing sanitary regulations.

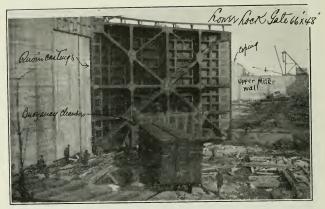
One reason for the rapid and systematic progress of the work is the organization of the labour. One lot of men does nothing but place concrete, and consequently become very expert at this. On the form erection, certain men do the bolting and unbolting, others the placing of panels, etc. The working day is of ten hours; 7 a.m. to noon, and 1 to 6 p.m.



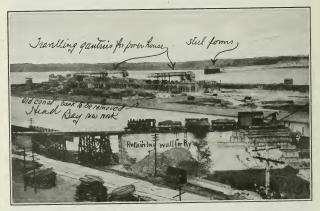
No. 17.-Mississippi River Power Development.



No 18.-Mississippi River Power Development.



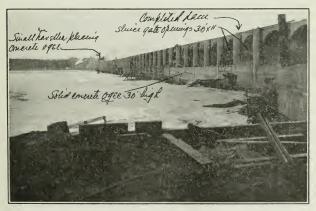
No. 19.-Mississippi River Power Development.



No. 20.-Mississippi River Power Dam, Keokuk, Iowa.



No. 21.—Mississippi River Power Development, Keokuk, Iowa.



No. 22.-Mississippi River Power Development.

HYDROLOGY OF OTTAWA RIVER, TRIBUTARIES, &c.

The hydrology of the river is constantly under study; Mr. S. B. Johnson, who is in charge of this work, submits a report which contains all results up to date.

The fundamental requirement in water flow investigation is the surface fluctuation of the river and tributaries under consideration. This is usually obtained by staff gauges securely set at selected points, and read daily by some one residing nearby. These results are very much dependent on the care and accuracy of the gauge readers, but to the credit of the district it must be said that negligence is comparatively rare. Natural conditions, however, affect all our gauges, for instance, the flood flow of the Gatineau ploughing squarely into the current of the Ottawa acts as a partial dam. This causes the gauge at the foot of the Rideau locks to show higher water than the actual flow of the river represents. However, constant measurements at all stages of the surface tend to reduce such local errors by actual weight of numbers in calculating the means of many meterings.

In summer-time, sawlogs float down the river in great numbers, indiscriminately, and form partial dams at shoals and rapids. For instance, a jam forms over night in the Deschenes rapids and the surface height of the lake above at Britannia rises, indicating an increased flow of water. The amount of water passing, however, has not altered, and if the log jam floats away during the following day conditions become normal again. The only safeguard against

this condition is a great number of meterings.

In winter-time ice conditions also affect gauges; firstly, by freezing about them; and, secondly, masses of frazil ice block parts of the channel so that a higher surface is recorded while there is no increase in the flow.

Measurements of the flow are being carried on continually both during the summer and winter, but causes similar to those affecting the gauges give trouble. It is therefore necessary to change the metering sections from time to time, and also to examine the results carefully and check a great mass of figures.

When the river surface is covered with ice, the water encounters increased friction, and therefore winter meterings show a different relation to the surface

heights.

The metering instruments are of delicate construction and, after a few days' use, each one is sent to Ottawa for rating. A fairly good rating station is now established at Dows lake on the Rideau canal, where the revolutions of the meter are tested while it is moved through still water at known speeds.

Precipitation records and temperatures are kept wherever men are employed throughout the watershed. In addition, the Meteorological Survey send us all their records, from which various tables are compiled, giving the relation of rainfall and temperature to run-off.

A series of temperature records of air and water has been kept for several years, which tends to show that the northern lakes keep well above freezing. This is probably due to the ground water of the swamps retaining its heat for considerable lengths of time. Notwithstanding this, however, the ice on these lakes always attains a fair thickness.

The most important records of the report are the surface elevations for as many years back as possible at various points along the river. These elevations many between the correspond to the lines of precise levelling that the department has established. They are therefore a permanent record for purposes of navigation, for power projects, and for use in connection with claims. Some six hundred tables are embodied in the report, giving in most cases daily elevations which have been checked and re-checked.

In a few cases, such as Timiskaming reservoir, for instance, the gauge at the other surface than the gauge at the head. These cases have been closely examined and seem due to wind pile, and perhaps to waves of flow caused by opening and closing of sluice-ways.

DEPARTMENT OF PUBLIC WORKS, CANADA.

OTTAWA RIVER STORAGE.

C. R. COUTLEE, Esq., Engineer in Charge. Ottawa, Ont., July 31, 1915.

Ottawa River Storage.

SIR,—In the following report dealing with the flow of the Ottawa and St. Laverence rivers and their tributaries for the three years ending the 1st of April, 1915, a résumé is given of all the observations thus far collected by this branch of the service. In addition, some of the records published in previous reports have been revised and are included in their new form. These revisions were made possible by the results derived from more extended surveys and in some cases by improved field equipment and methods. It may therefore be expected that each succeeding year will throw still more light on data gathered in the past, and thus make further revisions necessary.

Commencing from Quinze lake and working downwards, an outline of the

observations made and resultant tables are submitted as follows:-

QUINZE LAKE AND RIVER.

Location of gauges.—Gauge No. 1, at Klock's depot, about 3 miles north of the outlet of the lake. Gauge No. 2, at the head of Quinze river on the north shore of the lake, and consisting of two staff gauges, one for high water and one for low water, on separate piers. Gauge No. 3, immediately above the dam on a pier on the south shore. Gauge No. 4, at the foot of Maple rapids, on a pier on the north side of the river.

Records available.—Gauge No. 1, 3rd June, 1909, to 31st December, 1914; discontinued and replaced by gauge No. 2. Gauge No. 2, 1st November, 1914, to date. Gauge No. 3, 22nd April, 1914, to date. Gauge No. 4, 1st May, 1911,

to date.

Drainage area.—9,700 square miles.

Discharge measurements.—Meterings are now made at a section about onehalf mile above Devil's chute and 5 miles from North Timiskaming. Previous to the construction of the dam at Timiskaming, meterings were taken just above the village of North Timiskaming at the island. This station had, however, to be abandoned owing to the slack water caused by the dam at the foot of the lake. The new section above Devil's chute has proved itself to be far superior to the two channels at North Timiskaming. The mean velocity varies between 1.2 feet per second for low water and 3.5 feet per second for a flow of 40,000 c.f.s.

Discharge curve.—Well defined between elevation 816 and 825 on gauge No. 4, or between flows of 1,800 and 25,000 second-feet. The records are excellent between these stages, but further meterings are necessary before the curve can

be extended upward.

Winter flow.—The relation between gauge heights below the Maples, and

discharge, has not been found to be affected by ice.

Precipitation and temperature records.—Temperature observations (both atmospheric and water) started on the 14th January, 1911. Precipitation measurements started 1st April, 1911. These observations have been continued to date.

 $\mbox{\bf 6 GEORGE V, A. 1916} \\ \mbox{Discharge Measurements of Quinze River near North Timiskaming}.$

Date.	Made by	Water elevation on Quinze Lake	Water elevation below Maple Rapids.	Discharge in Sec. ft.
1908 Nov. 2	J. B. McRae			2,640
1969 June 14 Sept. 1 Dec. 18	S. B. Johnson	857 · 0 853 · 7 853 · 5		57,170 14,460 10,220
1910. Mar. 5 May 17 " 18 June 28	#	852 · 1 855 · 6 855 · 5 854 · 2		4,790 24,980 24,800 14,130
1911. Mar. 16	"	851 · 8		3,290
1912. Nov. 20	W. E. Blue	853 · 8	820-61	11,070
1913. Feb. 10 May 5-6 May 5-6 June 11	A. M. Kirkpatrick A. A. Anderson. " " " " " " " " " " " " " " " " " "	852-7 857-0 855-6 854-8 854-6 854-3 854-0 853-9 854-1 854-1 854-1 854-7 854-7 854-7 854-7 854-7 854-7 854-7 854-7 854-7 855-0 855-0 855-0	818-31 827-82 823-4 823-68 822-41 821-71 820-93 831-85 821-28 821-28 821-28 821-75 821-75 821-75 821-75 821-75 821-75 821-75 821-75 821-75 821-75 821-75 821-75 821-75 821-75 821-75	4, 370 39, 390 23, 890 18, 670 14, 740 13, 450 11, 280 12, 100 14, 170 14, 170 14, 170 14, 170 14, 510 14, 740 18, 260 17, 250 14, 770 14, 770 14, 770 14, 770 14, 770
1904 - Jun. 8 % % % % % % % % % % % % % % % % % %	Bruce Ross J. A. Beauchemin J. A. J. Beauchemin J. A. J. Beauchemin J. A. J. Beauchemin	\$33 - 8 \$33 - 7 \$33 - 6 \$33 - 6 \$33 - 6 \$33 - 6 \$33 - 6 \$33 - 6 \$33 - 6 \$33 - 6 \$33 - 6 \$33 - 6 \$33 - 7 \$34 - 7 \$34 -	\$30.15 \$20.08 \$19.75 \$20.08 \$19.75 \$10.67 \$10.75 \$10.67 \$10.75 \$1	9, 399 9, 329 8, 830 8, 460 8, 610 7, 460 7, 460 7, 460 7, 220 6, 220 6, 300 6, 310 6,

DISCHARGE MEASUREMENTS of Quinze River near North Timiskaming.

Date.	Made by	Water elevation on Quinze Lake	Water elevation below Maple Rapids.	in		
1914 Feb. 2 1924 Feb. 2 1936 1946 1957 1958 1958 1958 1958 1958 1958 1958 1958	Bruce Ross J. A. Beauchemin F. J. Carre	\$33.0 (a) \$33.0 (b) \$33.0 (c) \$33.0 (c) \$33.0 (c) \$33.0 (c) \$32.9	\$11,-93 \$17,-93 \$17,-93 \$17,-93 \$17,-93 \$17,-93 \$17,-93 \$17,-93 \$17,-73 \$17	4, 589 3, 830 4, 180 4, 180 4, 180 4, 180 4, 190 4, 170 6, 180 6,		

6 GEORGE V, A. 1916

DISCHARGE MEASUREMENTS of Quinze River near North Timiskaming.

Date.	Made by.	Water elevation on Quinze Lake.	Water elevation below Maple Rapids	Discharge in Sec. ft.
July 234	E. J. Carre .	\$33-5 \$53-5 \$53-4 \$53-4 \$53-4 \$53-3 \$53-3 \$53-3 \$53-3 \$53-2 \$5	\$18.83 \$18.80 \$18.73 \$18.80 \$18.73 \$18.80 \$18.73 \$18.83 \$18.83 \$18.83 \$18.83 \$18.83 \$18.83 \$18.83 \$18.83 \$17.83 \$17.63 \$1	6, 290 6, 100 5, 950 6, 100 5, 950 6, 100 6,

Monthly Discharge of Quinze River near North Timiskaming for 1909–12. (Drainage area, 9,700 square miles.)

	Г	DISCHARGE IN	SECOND-FEE	r.	Run	OFF.		
Month.	Maximum.	Minimum.	Mean.	Per mile.	Depth in inches on Drainage area.	Depth in Per cent of rainfall.	Tempera- ture.	Rainfall, inches.
April May June July August September October November January February March	14,500 78,000 77,000 32,000 16,000 14,500 14,500 12,000 10,000 7,200 6,000	4, \$00 14, 500 32, 900 16, 500 13, 200 11, 500 12, 900 12, 900 10, 900 7, 200 5, 900 4, 600	7,500 42,000 52,500 22,000 15,000 13,500 13,000 11,300 9,000 6,000 5,000	0·773 4·330 5·412 2·288 1·546 1·392 1·392 1·340 1·165 0·825 0·619 0·515	0·863 4·992 6·240 2·531 1·783 1·553 1·605 1·495 1·343 0·951 0·645 0·594	31 176 353 52 105 38 69 83 53 49 40 76	32·7 47·5 61·5 61·5 65·8 65·8 42·3 33·1 18·0 11·3 7·7 20·3	2-82 2-84 1-77 4-89 1-70 4-05 2-31 1-81 2-55 1-96 1-60 0-78
The year	78,000	4,600	17,442	1.798	24 - 595	85	38 - 2	29.08
April 1910-11 May June June June June June June June June	31,600 31,600 25,500 14,800 11,009 11,800 21,100 18,200 13,600 6,300 4,509 31,600	6,009 24,500 14,800 9,009 9,200 9,500 10,800 13,600 6,300 4,100 2,809	21,000 27,000 20,500 11,200 9,000 10,400 17,200 16,300 11,400 8,300 5,203 3,700	2·165 2·784 2·113 1·155 0·928 1·072 1·773 1·670 1·175 0·856 0·381	2·416 3·210 2·436 1·290 1·070 1·196 2·044 1·864 1·355 0·987 0·558 0·442	103 85 126 41 37 58 61 82 88 82 21 35	42·1 49·1 64·1 66·6 62·6 53·1 44·2 27·5 9·3 4·3 10·0 21·8	2.34 3.77 1.93 3.17 2.97 2.97 3.36 2.26 1.54 1.20 2.61 1.28
April	26,000 46,800 42,500 15,800 10,000 7,400 9,200 14,000 12,600 8,000 5,900	2,500 26,000 15,809 9,400 7,490 6,000 4,000 9,200 11,600 8,000 5,930 3,100	6,800 44,690 16,000 12,000 8,800 6,800 5,900 12,000 12,600 9,900 7,000 4,600	0·701 4·598 1·649 1·237 907 701 608 1·237 1·299 1·021 0·722 0·474	0·782* 5·300 1·901 1·380 1·015 0·782 0·701 1·380 1·498 1·177 0·832 0·547	72 264 50 45 26 33 20 30 55 59 39	38-1 57-3 63-4 67-7 64-4 53-3 41-6 26-0 24-6 -4-8 7-4	1·09 2·01 3·79 3·08 3·98 2·37 3·54 4·64 2·73 1·98 2·14 0·58
The year .	46,800	2,500	12,250	1.263	17-30	54	37-8	31.93

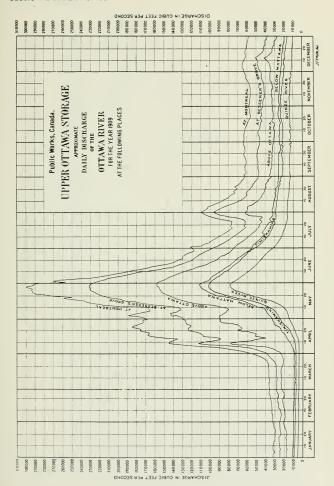
Note.-Precipitation and Temperature from observations at Haileybury.

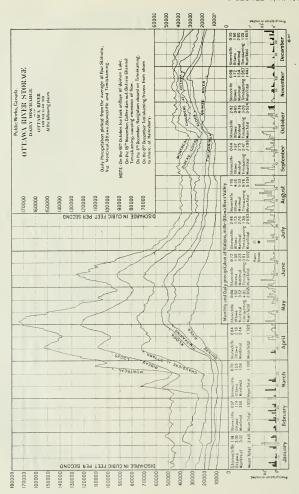
6 GEORGE V, A. 1916

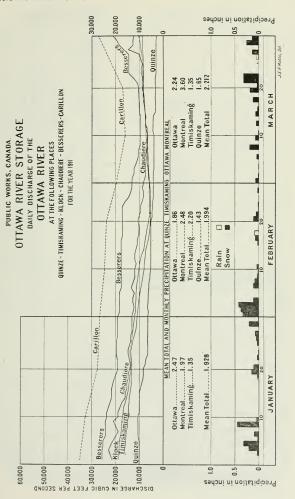
Monthly Discharge of Quinze River near North Timiskaming for 1912-15.

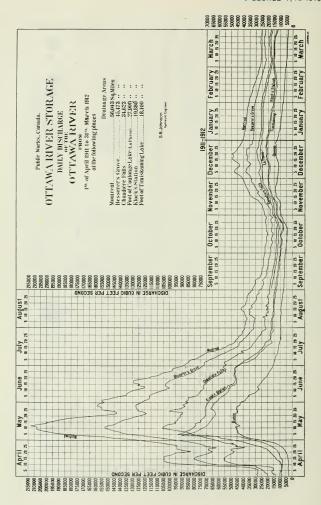
	Г	DISCHARGE IN	Second-Fee	t.	Rus	-Off.		
Month.	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent of rainfall.	Tempera- tures.	Rainfall, inches.
1912-13. April May June July August September. October November December January February. March	21,300 56,690 56,690 29,075 14,825 12,325 15,100 16,750 13,080 9,960 7,350	3, 100 23, 000 29, 550 15, 450 9, 600 8, 850 12, 325 12, 600 9, 960 7, 350 7, 100 4, 600	7, 348 38, 631 41, 636 21, 497 11, 584 10, 259 13, 051 14, 476 11, 660 8, 315 7, 254 6, 131	0-758 3-983 4-292 2-206 1-174 1-058 1-345 1-492 1-202 0-857 0-748 0-632	0-846 4-592 4-790 2-544 1-354 1-181 1-551 1-386 0-988 0-779 0-729	77 97 168 61 29 30 42 88 46 37 48 58	34·3 51·5 58·8 64·4 57·2 55·3 43·8 20·8 20·2 16·6 63 24·5	1·10 4·71 2·85 4·17 4·62 3·99 3·67 1·90 3·01 2·65 1·61
The year	56,600	3,100	16,015	1.65	22 - 405	65	38-6	35.54
1913-14 April. May. June July August September. October November December January. February. March	38, 190 39, 695 27, 440 11, 800 8, 250 6, 987 13, 000 18, 705 18, 335 10, 990 6, 580 4, 400	4,460 27,096 12,400 8,250 5,200 5,269 6,415 11,800 11,080 6,465 4,500 3,400	12,762 35,315 20,187 9,154 6,408 5,921 8,333 14,654 15,034 8,346 5,495 3,841	1·316 3·641 2·081 0·944 0·661 0·859 1·511 1·550 0·860 0·566 0·396	1·469 4·198 2·322 1·088 0·762 0·681 0·990 1·686 1·787 0·991 0·589 0·457	54 30 121 28 20 41 22 53 118 58 25 33	41 · 4 45 · 8 62 · 0 67 · 3 66 · 8 60 · 2 46 · 6 35 · 5 23 · 6 12 · 8 5 · 5 24 · 0	2·72 1·42 1·92 3·93 3·84 1·68 4·51 1·70 2·31 1·40
The year.	39, 695	3,400	12,161	1.25	17,020	57	41.0	30 · 13
1914-15. May. June July August September. October November December. January February. March	8, 650 25, 209 20, 020 11, 365 4, 900 2, 937 2, 475 4, 161 4, 594 4, 470 3, 838 3, 158	3,311 9,632 11,557 4,922 2,801 2,162 2,037 2,350 4,110 3,872 3,158 2,488	4,033 21,085 16,305 7,688 3,683 2,504 2,222 3,314 4,478 4,210 3,500 2,764	0·416 2·173 1·681 0·793 0·380 0·258 0·259 0·342 0·462 0·462 0·434 0·361 0·285	0·464 2·505 1·876 0·914 0·438 0·288 0·264 0·382 0·533 0·500 0·376 0·329	21 29 90 39 21 06 69 11 31 26 31	37·4 56·4 57·8 64·9 61·7 55·0 44·3 24·2 10·0 13·1 16·2 23·7	2·23 0·86 2·08 2·37 2·13 4·56 3·02 3·33 1·70 1·92 1·20 0·60
The year	25,239	2,037	6,336	0.651	8 · 869	34	38-8	26.00

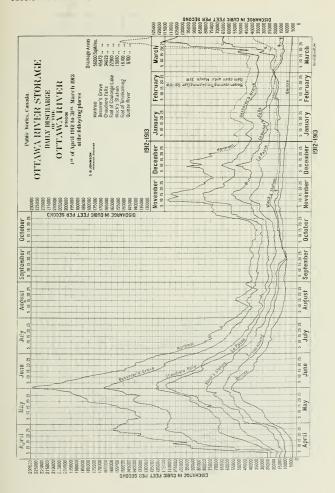
Noτε.--Precipitation observations taken at Quinze dam.

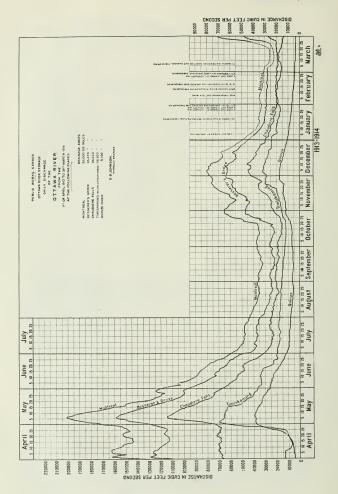


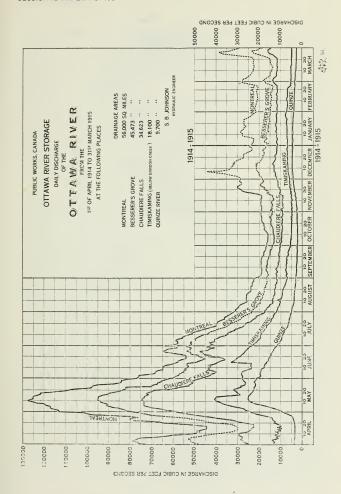




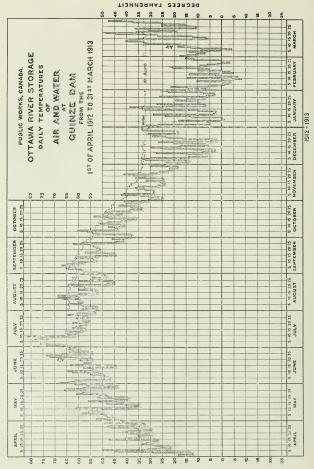




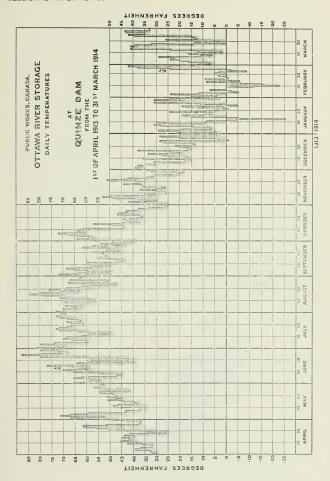


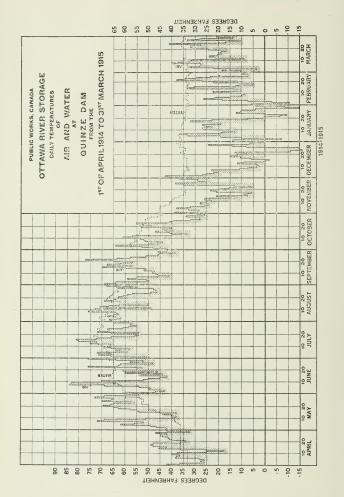


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DEGREES FAHRENHEIT





BLANCHE RIVER, ONT.

(Drainage Area, 1,720 square miles.)

Discharge Measurements of the Blanche River.

Date.	Made by.	Discharge.
1909. June 17	S. B. Johnson	2,070
1914. Jan. 16	J. A. Beauchemin	668

Haileybury, ont.

Location of gauges.—Gauge readings are received through the Ottawa District Engineer's office, the observations being taken from a staff gauge on the steamboat wharf at Haileybury.

Records available.—1st July to 8th December, 1906; 19th April, 1907, to 2nd July, 1908; 1st January, 1909, to date.

Precipitation and Temperature records.—Precipitation and atmospheric temperature observations started in 1893, and have been continued to date by Mr. Paul A. Cobbold, for the Dominion Meteorological Service.

MONTREAL RIVER.

Location of gauges.—Mr. R. de B. Corriveau, Ottawa District Engineer, has three staff gauges at Latchford. No. 1 is on a pier on Bay lake just above the dam; No. 2 is directly below the sluices; and No. 3 is on a pier in front of Empire mill. A gauge was placed at Gillies depot by this office in December, 1913, but owing to the power dam at Hound chute on this reach of the river, it did not prove satisfactory, and readings have been discontinued.

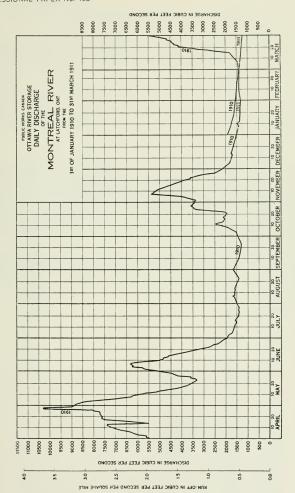
Records available.—Gauge No. 1, 1st March, 1912, to date; gauge No. 2, 20th December, 1913, to date; gauge No. 3, 19th July, 1909, to date; Gillies depot gauge, 13th December, 1914, to date.

Drainage area.—2,800 square miles.

Discharge measurements.—Current-meter measurements have been made at frequent intervals since June, 1909. Meterings are made from a rowboat about 1 mile downstream from Latchford during high water and about 3 miles downstream during low water.

 $\label{eq:decomposition} \mbox{6 george V, A. 1916}$ Discharge Measurements of Montreal River near Latchford.

		W.	D: 1				
Date.	Made by.	at Bay Lake, Latchir Dam		at Empire Mill Dam.	Discharge in c.f.s.	Remarks.	
1909 June 16 July 16 Sept. 3	S. B. Johnson.			895-45 894-92	6,000 1,800 1,590		
1910. May 14 June 9 " 30	64 65 64			897-67 898-17 895-92	5,640 6,000 2,580		
1912. Nov. 18		902 - 18		897 - 70	2,090		
1913. Feb. 6 May 15 June 14 25 July 3 Oct. 31 Nov. 1 4 15 26 27 27 28 29	A. M. Kirkpatriek A. A. Anderson Bruce Ross.	900 · 98 906 · 20 904 · 03 903 · 47 902 · 63 903 · 81 903 · 83 903 · 58 903 · 78 903 · 78 904 · 99 904 · 94 905 · 12 905 · 12		\$94 \cdot 82 903 \cdot 05 \$99 \cdot 90 \$98 \cdot 95 \$97 \cdot 55 \$99 \cdot 35 \$99 \cdot 24 \$99 \cdot 86 \$99 \cdot 78 \$90 \cdot 47 \$900 \cdot 59 \$900 \cdot 59	1,210 10,320 3,900 2,570 1,640 2,250 2,270 2,190 3,110 3,230 3,980 4,360 4,310		
1914. Mar. 5 6 6 6 7 6 6 7 7 7 8 9 9 8 10 8 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	J. A. Bequehersin	905-59 905-29 904-89 903-97 903-97 903-97 903-56 903-56 902-79 902-10 902-10 902-10 901-90 901-90 901-73 901-85 901-85 901-85 901-90 901-73 901-85 90		\$99.57 \$99.51 \$99.51 \$99.57 \$99.57 \$99.40 \$9	2,360 2,520 2,890 2,720 2,720 2,270 2,270 2,550 2,330 2,130 2,130 1,250	A.M. P.M. A.M. P.M A.M. P.M A.M. P.M	
1915 Jan 8 Feb. 13 Mar 13		904 · 66 904 · 50 903 · 06		895.76 897.88 896.11	1,380 1,390 1,240		



6 GEORGE V. A. 1916

KIPAWA LAKE AND RIVER, GORDON CREEK.

Location of Gauges.—At Kipawa River dam there are three staff gauges— 1 on the upstream face of the dam, giving the lake levels; No. 2 about 1,500 feet below the dam; and No. 3, 2 miles down the river. At the head of Gordon creek there is a staff gauge giving Kipawa lake elevations. Near the mouth of Gordon creek, a staff gauge is located on the north abutment of the highway bridge below Lumsden's mills.

Records available.—Gauges Nos. 1 and 2 were installed on the 1st October, 1912, and have been read to date. Gauge No. 3 was installed on the 13th May, 1914, and was read for a short period only. Readings, have however, now been resumed. The gauge at the head of Gordon creek was installed on the 1st June, 1909, and Lumsden's mill gauge on the 1st April, 1910. Observations on both these gauges have been continued to date.

Drainage area of Kipawa lake.—2,133 square miles.

Discharge measurements.—In 1909, three meterings were made of the Kipawa river above the old dam. During the construction of the new dam the section was changed to one about three-quarters of a mile downstream, and has since been used for all later meterings. These measurements are made at a narrow channel about 300 feet wide with a mean velocity at high water of about 3 feet per second. A row-boat is used to meter from and is held in position by a rope and cable stretched across the stream. Gordon creek meterings are made from the highway bridge above Lumsden's mill. The flow at this section is even, and does not exceed 3·5 feet per second at high water, and goes down to 0·4 foot per second at low water.

Discharge Curves.—The Kipawa river curve is well defined for flows between 300 and 700 c.f.s., and between 3,000 and 4,000 c.f.s. More meterings are required in order to properly determine the intermediate part of the curve. The Gordon creek curve is fairly well defined for flows from 300 c.f.s. up to 2,000 c.f.s.

 $Winter\ flow.$ —Apparently unaffected by ice in either Kipawa river or Gordon creek.

SESSIONAL PAPER No. 19a

DISCHARGE MEASUREMENTS of Kipawa River near Kipawa Dam.

Date.	Made by.	Water elevation at Lower Gauge.	Water elevation at Upper Gauge.	Discharge.
	S. B. Johnson.	872·16 869·36 869·11	881-46 877-26 875-56	10,460 4,613·3 4,549·2
May 23 July 5	*	869-37	878 · 86 880 · 18	4,456·9 667·9
Feb. 8	A. M. Kirkpatrick	869-71	875 - 14	4,071.7
Nov. 12	W. E. Blue	866 - 10	879 - 75	505 - 3
" 4 A.M. " 4 P.M. " 5 P.M. " 6 P.M. " 7 P.M. " 9 P.M. " 10 P.M. " 10 P.M. " 10 P.M. " 22 P.M. " 30 P.M. " 30 P.M. " 31 P.M. " 31 P.M. " 32 P.M. " 34 P.M. " 35 P.M. " 36 P.M. " 37 P.M. " 38 P.M. " 4 P.M. " 5 P.M. " 6 P.M. " 8 P.M. " 10 P.M. " 11 P.M. " 12 P.M. " 13 P.M. " 14 P.M. " 15 P.M. " 16 P.M. " 17 P.M. " 18 P.M. " 18 P.M. " 19 P.M. " 19 P.M. " 19 P.M. " 10 P.M. " 11 P.M. " 11 P.M. " 12 P.M. " 13 P.M. " 14 P.M. " 15 P.M. " 16 P.M. " 17 P.M. " 18 P.M. " 17 P.M. " 18 P.M. " 17 P.M. " 18 P.M. " 19 P.M. " 19 P.M. " 19 P.M. " 11 P.M. " 11 P.M. " 11 P.M. " 12 P.M. " 13 P.M. " 14 P.M. " 15 P.M. " 16 P.M. " 17 P.M. " 17 P.M. " 17 P.M. " 18 P.M. " 19 P	J. A. Beauchemin	\$77-10 \$77-10 \$77-10 \$77-10 \$77-05 \$70-05 \$70-05 \$70-05 \$70-05 \$70-05 \$70-05 \$70-05 \$80-93 \$8	881-12 881-17 881-17 881-07 881-07 880-07	4, 318-1, 318-1, 318
" 22 A.M. " 23 A.M. " 24 P.M. " 24 P.M. " 25 A.M. " 27 A.M. " 27 A.M. " 29 P.M. " 30 A.M. " 30 A.M. " 30 P.M. " 4 A.M. " 4 P.M. " 5 A.M. " 5 A.M. " 6 A.M. " 6 A.M.		865-27 865-27 865-27 865-27 865-28 865-32 865-32 865-32 865-33 865-35 865-37 865-37 865-37 865-37 865-41 865-44 865-45	873-69 873-69 873-77 873-77 873-77 873-79 874-14 874-16 874-46 874-62 874-62 874-62 874-77 874-93 875-27 875-27 875-46	368-4 373-6 376-3 368-1 376-2 391-2 400-3 410-8 416-9 423-2 418-8 434-5 428-1 435-9 434-3 444-0 441-5 435-7 454-9 449-1

6 GEORGE V. A. 1916

DISCHARGE MEASUREMENTS of Kipawa River near Kipawa Dam.

Date	Made by	Water elevation at Lower Gauge	Water elevation at Upper Gauge	Discharge,
May 6 P M 6 7 P M 6 7 P M 6 8 P M 6 8 P M 6 9 P M 7 P M 6 15 P M 6	и и и	Feet. \$45.46 \$65.48 \$65.48 \$65.50 \$65.50 \$65.50 \$65.50 \$65.50 \$65.50 \$65.50 \$65.50 \$65.50 \$65.50 \$65.50 \$65.50 \$65.50 \$65.50 \$65.50 \$65.50 \$65.50 \$65.50 \$65.50 \$65.70 \$65.70	Ft. per sec. \$75-66 \$75-91 \$75	Secft. 447-0 447-0 447-0 447-2 447-2 447-2 447-8 447-9 447

METERINGS OF KIPAWA DAM SLUICES.

May 1914. F. J. Carre.	North Sluice 865 South Sluice 865	-52 876·36 26·0 -52 876·36 58·8
------------------------	--------------------------------------	------------------------------------

DISCHARGE MEASUREMENTS of Gordon Creek near Lumsden's Mills.

Date.	Made by	Water elevation.	Discharge
1909 June 2 July 13 Aug. 24	S. B. Johnson	Feet. 772.05 773.88 773.50	Secft. 2,730 1,050 730
1910. Mar. 3 May 13 " 28 July 2 " 11	S. B. Johnson	774·15 774·30 774·35 775·05 774·65	1,020 1,820 1,780 2,080 2,140
July 19 Nov. 6 " 25	Brown & Ewart W. E. Blue	773-93 773-63	1,490 1,490 1,260
1913. Jan 31 Feb. 15 April 25 May 3 " 13	A. J. McCool A. M. Kürkpatrick. W. E. Blue	772 · 83 772 · 93 772 · 73 772 · 63 773 · 93	310 310 390 199 1,720
1914. Feb. 13 " 16 " 18 " 20 " 21 April 6 Nov. 17 " 24 " 28 Dec. 1 " 9 " 12 " 15 " 23	G. M. Brown. " " " " " Thos. Curtis. " " " " " " " " " " " " " " " " " "	769 74 770 64 770 64 770 64 770 64 770 64 770 64 770 54 770 54 770 54 770 54	370 400 420 420 410 90 400 380 370 370 330 330 330 330
1915 Jan. 5 " 13 " 16 " 30 Feb. 3 " 17 " 20 " 17 " 20 " 17 " 20 " 17 " 20 " 17 " 20 " 27 Mar. 2 " 6 " 9 " 16 " 19 " 30 April 3 30 April 3 3	Thos. Curtis G. Goodwin	770-54 770-54	340 340 350 320 3210 330 340 350 350 350 350 360 340 470 360 300 250 300

6 GEORGE V, A. 1916 Monthly Discharge of Kipawa River and Gordon Creek, for 1912-15.

	Г	DISCHARGE IN	SECOND-FEET	r.	Run		
Month.	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent. of rainfall.	Rainfall, Inches.
1912. October November December	2,994 2,919 9,685	2,133 1,575 1,509	2,617 2,232 4,368	1 · 227 1 · 046 2 · 048	1·415 1·167 2·361	45 73 72	*3·17 *1·59 *3·26
January February March	9,498 7,938 4,145	8,330 4,311 3,236	8,871 5,515 3,589	4·159 2·586 1·683	4·795 2·692 1·940	152 210 98	*3·15 *1·28 *1·97
The period	9,685	1,575	4,528	2 · 123	14.370	100	*14-42
April 1913-14 May June 1915-1915-1915-1915-1915-1915-1915-1915	3, 449 3, 264 4, 043 5, 079 5, 692 4, 937 2, 568 1, 834 2, 411 6, 186 6, 019 6, 719	1,073 1,133 3,269 3,295 3,527 2,119 1,763 1,797 1,834 2,052 4,465 4,129	1, 352 2, 580 3, 746 3, 858 4, 456 3, 515 1, 962 1, 813 1, 938 3, 146 4, 989 5, 584	0.634 1.210 1.757 1.809 2.089 1.647 0.920 0.850 0.909 1.475 2.339 2.618	0·707 1·395 1·961 2·086 2·409 1·838 1·061 0·949 1·048 1·701 2·435 3·019	34 62 99 61 51 79 21 28 62 98 88 164	*2·09 *2·25 *1·98 *3·40 *4·76 *2·31 *4·95 *3·35 *1·69 *1·74 *2·76 *1·84
The year April 1914-15. May June June June June June June June June	3,787 1,946 2,238 2,247 2,048 4,425 1,150 805 729 676 729 673	375 559 0 · 889 1, 279 1, 270 895 745 673 625 673 670 622	1,887 896 1,796 1,989 1,128 2,441 803 721 666 674 675 665	0·885 0·420 0·842 0·932 0·529 1·144 0·376 0·338 0·312 0·316 0·316	0.988 0.484 0.940 1.075 0.610 1.277 0.434 0.377 0.360 0.364 0.329	32 26 31 56 25 34 14 11 18 15 22	3 · 04 1 · 83 3 · 04 1 · 93 2 · 44 3 · 81 3 · 12 3 · 31 2 · 01 2 · 41 1 · 52 0 · 32
The year	4,425	375	1,194	0.560	7,598	26	28.78

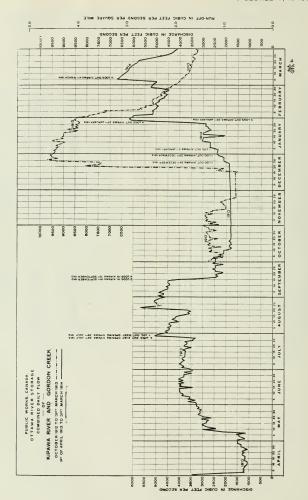
Note.—Discharge computed by adding discharges of Kipawa and Gordon Creek.

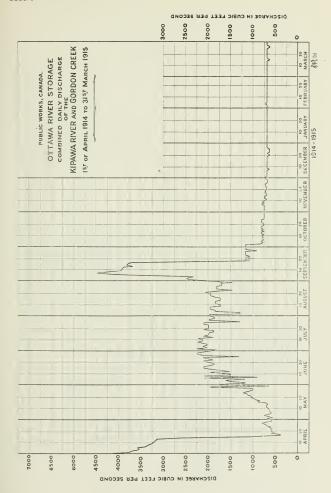
^{*} Mean monthly precipitation computed from observations at Quinze Dam and Timiskaming (Ottawa Storage).

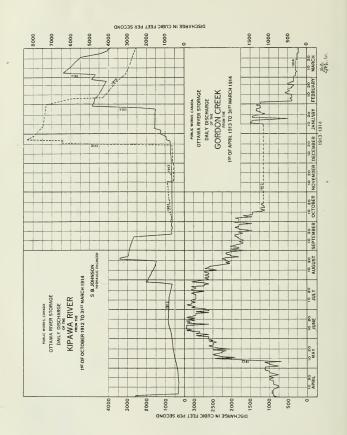
Monthly Discharge of Gordon Creek near Lumsden's Mills, for 1912-15.

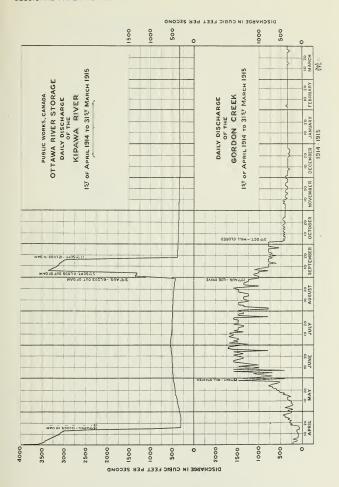
	Discha	RGE IN SECON	D-FEET.
Month.	Maximum.	Minimum.	Mean.
April. 1912 13. May	1, 231 2, 726 2, 726 2, 726 2, 611 2, 266 2, 151 2, 036 1, 806 2, 036 1, 461 886	338 1,058 2,036 2,036 1,576 1,576 1,461 1,000 886 1,001 1,001 588	702 1, 937 2, 518 2, 458 2, 106 1, 969 1, 863 1, 557 1, 179 1, 415 1, 134 737
April. 1913-14. May Jane Jane August September. October November January February March M	1, 116 2, 611 3, 186 3, 186 2, 726 2, 036 1, 921 1, 150 1, 150 1, 507 1, 221 343	772 673 2,611 2,611 1,691 1,461 1,116 1,150 1,150 343 220	919 2, 039 2, 956 2, 949 2, 333 1, 796 1, 314 1, 150 1, 150 1, 272 480 272
The year	3,186	220	1,551
April	458 1, 472 1, 702 1, 702 1, 587 1, 127 783 458 398 342 398 342	66 219 398 783 783 524 398 342 294 342 342 294	204 483 1, 292 1, 476 1, 290 820 446 383 333 342 333 332
The year	1,702	66	648

Note.—Discharge from November 24, 1912, to December 15, 1912, estimated. Discharge from October, 1913. to January 10, 1914, estimated.

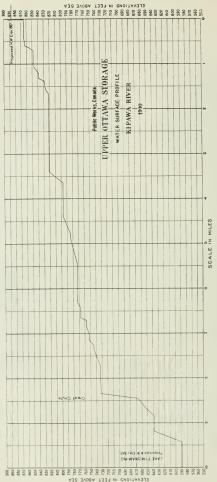


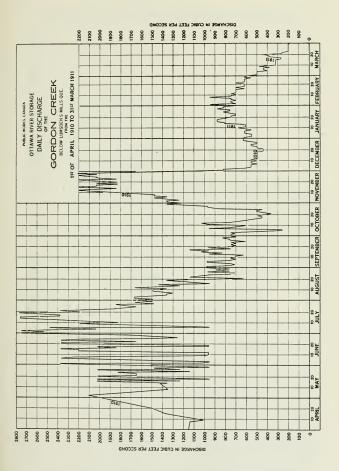




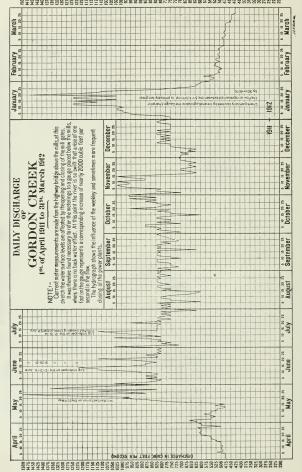


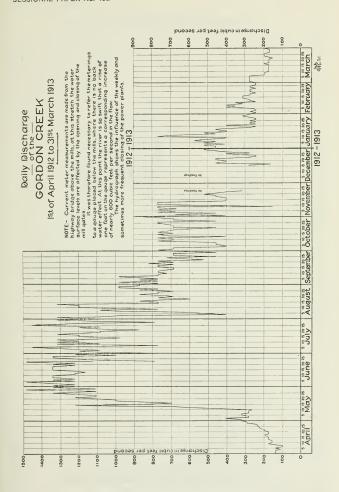




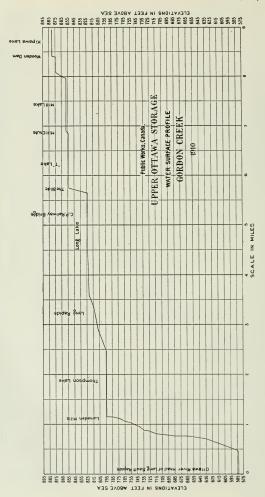


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6 GEORGE V, A. 1916



TIMISKAMING, QUE.

Location of Gauges.—Staff gauges are placed as follows: No. 1 on the steamboat wharf at the railway station; No. 2 at the foot of the island; and No. 3 at the metering section 4 miles below the dam. A recording gauge is also placed at the foot of the island, and gives an accurate record of the hourly water surface fluctuation below the dam.

Records Available.—Readings were started on the gauge at Timiskaming wharf on the 1st January, 1909, and have been continued to date. On the gauge below the island readings were started on the 1st April, 1911, and have been continued to date. The gauge at the metering section 4 miles below the dam is read only when meterings are being made.

Drainage Area.—18,100 square miles, including Gordon creek.

Discharge Measurements.—Meterings were first made at the narrows above Tmiskaming, but when the dam was started the station had to be abandoned, owing to the backwater caused by the dam greatly decreasing the velocity at the section. A new metering section was located 3 miles below Timiskaming at a narrow in the river about 400 feet wide, with a mean velocity at high water of nearly 6 feet per second, and about 1 foot per second at low water. For metering purposes, a ¾-inch steel rope was stretched across the channel, firmly supported on the shores by posts and trees. On this cable an ironbound wooden cage is made to travel from shore to shore carrying two men and the metering outfit. The cage is moved from one metering observation point to another by means of a crank and winch with a three-sixteenth inch wire cable stretched across the stream, and having three turns around the drum of the winch.

Discharge Curve.—Fairly satisfactory meterings have been secured, and a curve constructed by relating the results of these meterings to the gauge elevations below Timiskaming dam. Many meterings are still required before the curve can be considered well defined.

Winter Flow.—The gauge elevations below the dam to which the discharge curve is referred are not affected by ice conditions, the water being swift and deep enough to carry away both ice and logs without causing a jam.

Precipitation and Temperature Returns.—Temperature observations (both atmospheric and water) started in February, 1910, and precipitation in March, 1910. These have been continued to date.

Discharge Measurements of Ottawa River near Timiskaming.

Date.	Made by	Water Elevations.	Discharge in Secft.
		I. C. O. Foot of island.	
1909. May 7 June 2 July 12 Aug. 25 Dec. 21	S. B. Johnson	573·39 557·37 581·25 574 80 573·05 571·73	31,959 102,109 34,200 25,000 18,137
Mar. 2 May 12 " 26 July 2 " 11	S. B. Johnson	573 • 40	7,560 46,150 43,110 22,840 20,270

6 GEORGE V, A. 1916

DISCHARGE MEASUREMENTS of Ottawa River near Timiskaming—Continued

		WATER EL	EVATIONS.	Discharge
Date.	ade by	I. C. O. Camp.	Foot of island.	Secft.
1911. Sept. 26	S. B. Johnson		570·26 570·12	9,842 8,504
1912. July 21 Nov. 5 " 7 " 8 " 26	G. M. Brown S. B. Johnson S. B. J. & W. E. B. S. B. J. & W. E. B. W. E. Blue	546·30 545·06	572 · 25 570 · 45 570 · 75 570 · 75 570 · 07	29,242 18,576 19,474 19,321 16,412
1913. Jan. 17 " 20 " 27 Feb. 14 April 24 " 26 May 3 " 12	A. M. Kirkpatrick	545-61 544-81 545-41 545-52 543-87 547-95 557-97 557-18	570 · 27 569 · 72 570 · 12 570 · 17 568 · 89 571 · 17 577 · 62 577 · 04	17,530 14,667 16,305 16,529 12,995 23,973 73,266 38,076
1914. Feb. 12 16 16 17 16 18 17 18 18 18 22 26 28 28 28 28 28 28 28 28 28 28 28 28 28	G. M. Brown. "" "" "" T. Curtis. "" "" "" "" "" "" "" "" "" "" "" "" "	545 84 545-71 545-72 545-62 545-62 546-62 540-51 540-51 540-53 54	571-02 570-54 570-72 570-62 570-62 570-62 570-62 570-62 566-92 567-92 567-92 567-92 567-92 567-92 567-92 567-92 567-92 567-92 567-92 567-92 567-92 567-92 567-92 567-72	19, 437 19, 605 18, 331 18, 121 17, 745 16, 211 5, 734 5, 115 5, 603 5, 905 5, 448 5, 570 6, 255 6, 265 6,
1915, Inn. 4	T. Curtis "" "" "" "" "" "" "" "" "" "" "" ""	541-18 541-17 541-19 541-19 541-01 541-01 541-01 541-01 541-10 541-15 54	567-69 567-75 567-75 567-77 567-77 567-77 567-98 567-79 567-79 567-70 567-70 567-70 567-70 567-70 567-70 567-67 567-70 567-67 568-92 568-92 568-92 568-92 568-92 568-92 568-93	6, 9876 6, 7776 6, 87876 7, 01918 8, 2000 8, 1292 6, 1593 7, 183 6, 7472 6, 1593 7, 183 6, 184 6, 18

Monthly Discharge of Ottawa River below Timiskaming Dam for 1906-11.

(Drainage Area, 18,100 square miles.)

	г	BCHARGE IN	SECOND-FEE	r.	Run	-Off.	Tempera-	Rainfall,* Inches.
Month.	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent. of rainfall.		
July August. September. October November. December. January February March	40,000 19,350 9,800 5,090 7,700 7,700 7,100 6,800 6,500	18,960 10,100 4,700. 4,000 5,350 7,200 6,900 6,600 6,300	27, 352 14, 371 6, 954 4, 288 7, 066 7, 355 6, 990 6, 707 6, 397	1·511 0·794 0·384 0·237 0·390 0·406 0·386 0·371 0·354	1·742 0·864 0·429 0·273 0·435 0·486 0·445 0·386 0·408	69 27 23 10 20 26 44 59 32	66-7 66-2 59-2 44-6 27-7 8-3 3-6 4-7 24-0	*2·53 *3·12 *1·84 *2·88 *2·13 *1·89 *1·01 *0·65 *1·27
April. May June July August September October November December January February March	8,900 61,800 61,800 49,200 25,900 27,700 24,200 18,200 14,500 10,100 7,400	6,000 9,260 46,300 26,200 15,200 13,400 24,400 18,660 14,500 10,100 7,000 6,200	6,577 31,523 53,853 36,636 20,461 18,583 25,029 21,420 16,064 11,932 8,497 6,768	0·363 1·742 2·975 2·024 1·130 1·027 1·383 1·183 0·887 0·659 0·469 0·374	0·405 2·009 3·320 2·334 1·303 1·146 1·595 1·320 1·023 0·760 0·506 0·431	33 59 116 50 72 27 66 84 49 53 23 123	30·4 41·9 63·4 64·6 59·6 54·3 38·1 28·1 18·6 6·5 8·6 20·8	*1·22 *3·42 *2·85 *4·67 *1·81 *4·26 *2·41 *1·57 *2·08 *1·44 *2·20 *0·35
The year	61,800	6,000	21,476	1 · 187	16 · 152	57	36.2	*28 - 28
January February March	9,400 8,200 7,900	8,200 7,000 7,000	8,500 7,500 7,300	0 · 470 0 · 414 0 · 403	0·542 0·431 0·465	36 15 18	9·5 9·7 20·7	*1,48 *2·78 *2·47
April. May June July August September October November December January February March	25,000 102,000 77,000 52,000 29,100 23,000 24,000 23,800 20,000 16,500 11,800 11,000	7,900 25,060 52,000 29,100 20,600 21,000 20,600 16,500 11,000 9,000 8,000	13,800 63,000 73,000 36,000 26,000 21,600 22,000 22,000 18,500 13,800 10,900 9,000	0·763 3·480 4·033 1·989 1·436 1·193 1·215 1·225 1·022 0·763 0·602 0·497	0·851 4·012 4·501 2·293 1·656 1·331 1·401 1·356 1·178 0·880 0·627 0·573	42 151 271 42 80 40 83 67 54 43 37	32·9 40·8 62·2 64·4 64·5 53·7 41·7 33·2 18·5 13·4 7·8 29·1	*2·01 *2·64 *1·66 *5·43 *2·05 *3·26 *1·68 *2·00 *2·18 *2·03 *1·67 *0·52
The year	102,000	7,900	27,467	1.518	20-659	76	38.5	*27.13
April August September October November December January February March	46,800 50,500 47,000 27,400 17,000 26,100 32,900 27,000 16,200 10,900 9,800	11,000 43,000 27,400 17,000 13,200 12,200 12,900 26,100 16,200 10,900 5,900 5,900	30,000 46,000 37,900 21,000 15,400 20,000 28,600 21,000 13,800 7,000 8,000	1 · 657 2 · 541 2 · 094 1 · 160 0 · 851 0 · 785 1 · 105 1 · 150 0 · 762 0 · 387 0 · 442	1 · 849 2 · 930 2 · 337 1 · 337 0 · 981 0 · 876 1 · 274 1 · 763 1 · 337 0 · 879 0 · 403 0 · 510	113 97 114 51 21 41 40 89 145 88 17	43·3 52·2 62·7 66·1 62·4 52·4 43·8 27·9 8·5 6·8 10·4 20·2	*1.63 *3.01 *2.05 *2.60 *4.59 *2.14 *3.22 *1.98 *0.92 *1.39
The year	50,500	5,900	21,908	1.210	16.476	61	38 - 1	*26.91

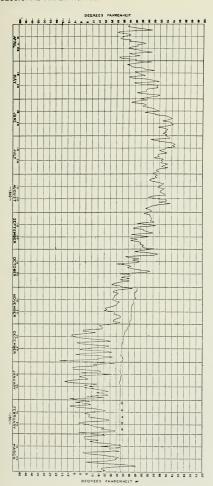
^{*} Mean monthly precipitation taken from observations at Rutherglen and Haileybury (Dom. Met. Scrvice), Discharge computed from meterings referred to Haileybury gauge.

6 GEORGE V, A. 1916

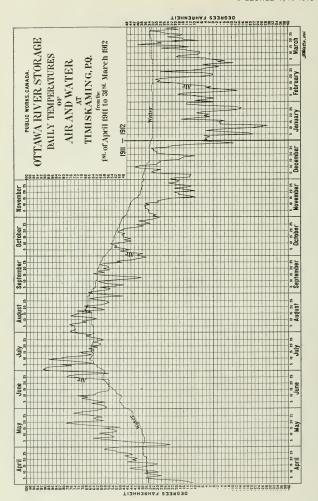
Monthly Discharge of Ottawa River below Timiskaming Dam for 1909-15.

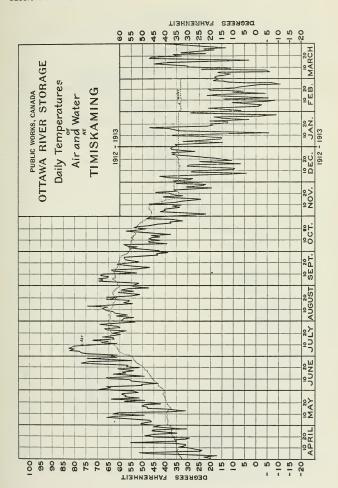
	D	ISCHARGE IN	SECOND-FEET	٠.	Run	-Off.	Tempera-	
Month.	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent. of rainfall.	ature.	Rainfall,* inches.
April	32,000 90,000 62,500 45,500 16,600 12,300 19,200 21,500 21,500 15,000 15,200	7,900 32,000 45,500 15,500 13,000 9,800 7,500 12,300 13,500 15,000 12,500 11,500	12,400 66,200 50,000 24,400 15,200 11,000 16,000 19,800 17,500 13,800 14,200	0·685 3·657 2·762 1·238 0·840 0·608 0·497 0·884 1·094 0·967 0·762 0·785	0·764 4·217 3·082 1·427 0·969 0·679 0·573 0·987 1·261 1·115 0·793 0·905	85 165 107 62 35 27 16 25 74 46 41 108	$37 \cdot 2$ $57 \cdot 3$ $62 \cdot 7$ $68 \cdot 6$ $65 \cdot 3$ $58 \cdot 1$ $42 \cdot 8$ $25 \cdot 6$ $22 \cdot 9$ $4 \cdot 5$ $9 \cdot 0$ $16 \cdot 9$	*0.09 *2.56 *2.88 *2.30 *2.78 *2.48 *3.56 *4.02 *1.70 *2.44 *1.95 *0.84
The year	90,000	7,500	22,458	1 · 240	16.772	59	38.5	*28-41
April. 1912-13. May June July August September October November December January February March	29, 514 63, 610 63, 506 35, 452 22, 317 16, 213 18, 123 20, 035 16, 368 17, 996 20, 645 20, 034	9, 124 34, 056 36, 430 22, 924 15, 865 9, 159 13, 360 16, 368 15, 013 15, 400 16, 447 11, 783	13, 629 49, 931 51, 459 28, 066 18, 360 13, 293 15, 803 17, 645 15, 506 16, 572 17, 908 14, 194	0-753 2-759 2-843 1-551 1-014 0-873 0-975 0-857 0-916 0-990 0-784	0·840 3·181 3·173 1·788 1·169 0·819 1·007 1·088 0·988 1·056 1·031 0·904	57 72 121 59 29 20 32 71 36 36 36 79	35·2 51·4 59·3 65·6 58·2 56·0 45·4 30·6 21·2 16·2 4·9 22·8	**1.47 **4.41 **2.62 **3.03 **4.08 **4.15 **3.12 **1.53 **2.76 **2.94 **1.31
The year	63,610	9,124	22,722	1 · 255	17-044	51	38 - 9	**33.71
April	20,122 18,000 15,594 15,784 29,746 31,824 24,258 21,210	7,035 36,756 19,498 15,401 15,594 13,115 12,000 16,174 24,258 16,563 16,120 13,375	16, 228 54, 635 29, 046 18, 669 16, 780 14, 440 13, 084 21, 736 27, 894 19, 301 18, 779 16, 336	0·897 3·018 1·605 1·031 0·927 0·798 0·723 1·201 1·541 1·066 1·037 · 0·903	1·001 3·480 1·791 1·189 1·069 0·891 1·340 1·777 1·229 1·079	47 182 97 33 222 40 18 41 94 62 42 55	41·0 50·7 62·4 66·5 64·7 56·8 46·7 34·5 22·8 9·1 0·7 21·8	**2·14 **1·91 **1·85 **3·56 **4·87 **2·25 **4·77 **3·24 **1·96 **1·86
The year	70,180	7,035	22,293	1.232	16.721	51	39.8	**32.93
April	40,846 33,020 22,702 11,765 7,799 5,400 5,950 7,033 7,832 7,178	9,782 25,450 23,634 11,970 6,978 5,358 4,624 4,701 5,925 6,743 5,050 4,701	13,490 31,550 27,011 17,022 9,359 6,937 5,030 5,248 6,683 7,132 6,560 4,907	·745 1·743 1·492 0·940 0·517 0·383 0·278 0·290 0·369 0·394 0·362 0·271	·831 2·010 1·665 1·084 0·596 0·427 0·321 0·324 0·425 0·454 0·373 0·312	29 137 64 61 28 11 11 11 22 20 27 82	35·1 55·4 60·9 67·3 68·9 56·5 45·8 26·4 12·6 11·6 15·7 20·9	**2.91 **1.44 **2.66 **1.78 **2.11 **3.86 **3.00 **2.88 **1.99 **2.22 **1.33 **0.33
The year		4,624	11,771	0.650	8 · 822	33	39.8	**26-60

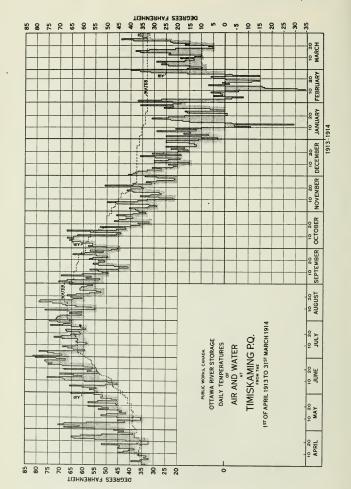
 $[\]begin{tabular}{l} **Mean monthly precipitation computed from observations at Quinze-Dam and Timiskaming, (Ottawa-Storage), and Haileybury (Dom. Met. Service). \end{tabular}$

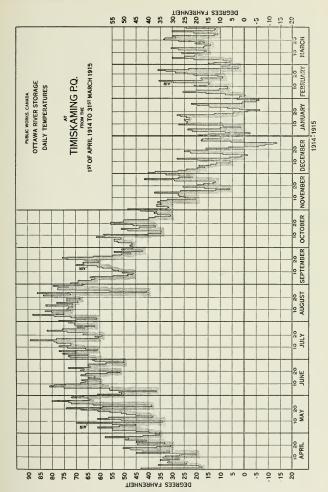


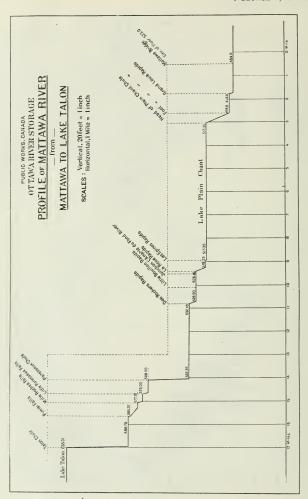
OTTAWA RIVER STORAGE
DAILY TEMPERATURES,
DAILY AND WATER
TIMISKAMING,
E.Q.











MATTAWA RIVER AND ITS TRIBUTARIES.

Location of Gauges—Staff gauges, placed in 1905-6, are still in operation at the foot of Turtle and Talon lakes and below Pimisi bay. Those placed during the same period at Whitefish bay, Nasbonsing lake, and Kai-bus-kong river are no longer in existence. Three miles up the river from its confluence with the Ottawa, the Mattawa water surface elevations are secured daily above and below the power-house. The upper level is obtained by measuring down to the water surface from the top of the south abutment. The lower reach has a staff gauge attached to a small pier about 600 feet below the power-house. On the Amable du Fond river watershed, the gauges placed on the larger lakes and at Booth's farm, on the river, have not been visited since the completion of the Georgian Bay Canal survey.

Records available.—At the foot of Turtle lake, staff gauge readings from the 19th March, 1905, to 29th December, 1906; White Fish bay, 21st March, 1905, to 31st December, 1906; Nasbonsing lake at Bonfield, On'., 27th March, 1905, to 31st December, 1906; Kai-bus-kong river at Menard's bridge, 4th March, 1905, to the 29th December, 1906; Talon lake 26th January, 1905, to 31st December, 1906; below Talon chute, 25th April to 31st December, 1906; below

Pimisi bay, 25th February, 1905, to 31st December, 1906.

Amable du Fond watershed—Three-mile lake, 12th September, 1905, to 29th December, 1906; Tea lake, 13th September, 1905, to 29th December, 1906;

Kioshkoqui lake, 3rd September, 1905, to 31st December, 1906.

Amable du Fond watershed.—Gauges were placed in September, 1905, and observations taken up to the end of 1906 on Three-mile, Tea, Manitou, and Kioshkoqui lakes, and from July, 1905, to the end of 1906 at Booth's farm on the river.

Mattawa river at Plain Chant chute.—Upper and lower gauges were read from the 3rd of June to 2nd December, 1906, 9th May to 2nd July, 1908, and

from the 29th September, 1914, to date.

Drainage areas.—Foot of Turtle lake, 78 square miles; North river, 92 square miles; Foot of Nasbonsing lake, 71 square miles; Foot of Talon lake, 342 square miles; Amable du Fond river, 433 square miles; Mattawa river at Mattawa, 880 square miles.

Discharge Measurements.—Turtle lake outflow is metered below Whitefish pond 2½ miles from the lake. Nasbonsing lake outflow is metered at Menard's bridge, about 5 miles from Bonfield. The outflow from Talon lake is metered

at Talon narrows above the dam.

The flow from the Amable du Fond watershed is metered near Booth's

farm above Eau Claire.

For the total flow of the Mattawa river, meterings are made a short distance above the bridge at Mattawa.

Discharge Curves.—Fairly well-defined for Turtle and Nasbonsing lakes, and

well defined for Talon lake and the Amable du Fond river.

Precipitation and Temperature records.-Lake Talon precipitation and temperature observations by the Dominion Meteorological Service, from 1891 to date. Precipitation and temperature observations at other points on the watershed were taken during the Georgian Bay Canal survey. These are all published by the Dominion Meteorological Service, Toronto, and are not here re-published.

6 GEORGE V, A. 1916

DISCHARGE MEASUREMENTS of Turtle Lake at outlet to Whitefish Bay.

Date. Made by.	·	Gauge Height.	Discharge.
1905.		Feet.	Secft.
Mar. 8 S. B. Johnson. " 30 A. L. McLenn " 6 " 6 " " 7 " " " " " " 18 " " 17 " " " " " " " " " " " " " " " "	nn.	641 · 13 641 · 28 641 · 28 641 · 55 642 · 00 642 · 00 642 · 15 643 · 30 643 · 30 642 · 30 642 · 30	40 70 68 110 110 110 100 90 340 440 190 190

DISCHARGE MEASUREMENTS of Kai-bus-kong River at Menard's Bridge.

Date.	Made by.	Water elevation.	Discharge.
1905.		Feet.	Secft.
Mar. 3	S. B. Johnson	679 - 55	20
Apr. 6	A. L. McLennan	679.30	150
" 6	"	679 - 30	150
" 7	"	679 · 20	140
" 7	66	679 - 20	140
" 12	ш	679 - 25	130
" 12	44	679 - 25	130
" 19	ш	679 - 10	120
" 19	44	679 · 10	100
" 19	64	679 - 10	110
" 19	u	679 - 10	120
" 26	"	679.00	100
" 26	и	679.00	100
" 29	ш	679 - 10	110
" 29	и	679 - 10	120
May 10	66	679.35	150
18	44	679.50	170
" 18	66	679.50	170
" 24	44	678 - 85	110
" 24	"	678-85	120
" 29	"	681.90	600
" 29	44	681-90	610
" 29	**	681-90	720
" 29	44	681-90	700
" 31	**	681-95	80
	44		80
	"	681.05	330
	"	681.05	
		681.05	410
01		681.05	490
June 14	"	678-95	150
" 14	4	678-95	110
" 14	*	678 - 95	100
4044			
1914.	a p. r.		30
Sept. —	S. B. Johnson		30
1017			
1915.	0.0.1		70
Apr. 9	G. Goodwin		11

DISCHARGE MEASUREMENTS OF LAKE TALON.

Date.	Made by.	Water Elevations on Lake Talon.	Water Elevations below Pimisi Bay.	Discharge in Secft.
1905. eb. 25	S. B. Johnson	635-15	583 - 95	26
" 27	"	635 - 15	583 - 95	28
" 28	46	635-15	583.95	20
ar. 11	"	634 · 85	584 · 10	2
" 14		634 - 75	584 · 10	20
	A. L. McLennan	634 · 75 634 · 40	584 · 10 584 · 45	2 3
27	A. L. McLennan	634 - 40	584 - 45	3
28	"	634 - 45	584 - 50	3
r. 5	u	637 - 35	585.50	6
. 5	"	637 - 35	585.50	6
" 10	"	637 - 75	585-65	8
" 10	"	637 - 75	585.65	7.
10		637 - 75	585.65	8
11	"	637 · 95 637 · 95	585·70 585·70	8
" 11 " 17		638-05	585-75	9
" 17	"	638.05	585.75	9
" 25	"	639 - 05	584 · 20	2
" 25	"	639-05	584-20	2
" 26	"	639 - 35	584 - 20	1
" 26	"	639 - 35	584 · 20	2
y 1	"	640 - 75	584 - 70	4
1 1	"	640 · 75	584 · 70	4
4		641.05	584 · 80	4 5
4 4		641 · 30 641 · 30	585·15 585·15	6
4 6	4	641.55	585-25	
4 6	"	641.55	585 - 25	6
" 9	"	641.85	585-55	7
4 9	44	641 - 85	585.55	8
" 13	"	641.70	585-40	7
u 13	"	641.70	585 - 40	(
" 16	4	641.85	585-45	7
" 16	"	641.85	585 - 45	7
		642-15	585 80	8
22		642·15 641·55	585·80 586·10	ì
ne 6	"	640 - 65	585 - 60	2
" 12	и	640 - 65	585.70	2
" 16	u	640 - 25	586 - 25	1.1
" 16	"	640 · 25	586-25	1,0
" 23	4	639 - 35	586 · 10	1,1
" 23		639 · 35	586 · 10	1,1
ly 13	44	638 - 75	583 - 40	١,
ig. 25	4	634 · 75 634 · 70	584 · 30 583 · 30	1
1906.			505 50	
ly 17	W. J. Boulton	637 - 85	584 - 20	2
" 18	**	637 - 95	584 - 20	
1914.				
ept. 11	S. B. Johnson	635.88	583.80	1

6 GEORGE V, A. 1916

DISCHARGE MEASUREMENTS of Amable du Fond River at Booth's Farm.

ate.	Made by.	Water Elevation.	Discharge. in Secft.
905. y 12 12 24 24 44 7 14 45 29 44 49 49 44 9 44 9 44 9 44 9 44		753-90 752-00 752-05 751-80 751-80 751-80 751-70 751-70	630 600 466 422 633 166 222 199 299 287 24 25 25
1906. IX. 2 2 2 2 2 2 2 2 2 2	oulton.	752-30 752-30 752-30 752-30 753-30 753-30 753-30 753-30 753-30 753-30 753-30 753-30 754-25 754-25 754-25 754-77 754-7 75	4 4 1,0,0 1 1,0 1,0

DISCHARGE MEASUREMENTS of Amable du Fond River at Booth's Farm.

Date.	Made by.	Water Elevation.	Discharge in Secft.
1906.		Feet.	Secft.
ne 1	"	755-00	1,09
" 1	4	755.00	99
" 1	*	755.00	1,07
" 1	"		1,07
" 1		755·00 755·00	1,0
" 1			1,0
и 2 и 4	"	755-55	1,15
и <u>4</u>	ш		1,2
4 4	"		1,15
" 4	44	755.55	1,1
" ŝ	"	755 · 20	1,2
" 5	4	755 · 20	1,2
" 5	"	755 · 20	1,1
" 6	"	755-20	1,0
" 6		755·20 755·20	1,1
		755 20	1,1
" 6 " 6	"		1.1
" 7	4		1.0
	"	754 - 95	1,0
" 7	"	754-95	1,0
" 7 " 7	и	754 · 95	1,0
" 7	"	754 • 95	1,0
" 8	"	755 - 25	1,2
" 18	" "	751·70 751·70	2
" 18	4	755 - 10	1,1
" 21 " 21		755-10	1,1
" 22	4	774 75	1,0
" 22		754 - 75	1,0
" 23	44	754.55	1,0
" 25	"	751.80	3
" 25	4	751.80	2
" 27	"	754 · 20	8
" 27	"	754·20 754·15	1 8
		754.00	1
		754.00	1
" 29 " 29			1
" 30	« «	754 - 10	1 7
lvr 3	"	751.70	1 2
ly 3	44	751.70	4
" 3	44	751.70	5
" 3 " 3	4	751-70	5
" 3	"	751.70	
" 4	« «	753·70 753·60	1 6
" 5 " 5		753.60	1 6
" 6	"	753 - 30	1
" 13	"	750 - 85	
" 14	4	750-85	

OTTAWA RIVER AT MATTAWA.

Location of Gauge.—Staff gauge on the outer end downstream corner of the old wharf opposite the Rosemont hotel, Mattawa.

Records available.—Gauge readings from 1st of May to the 10th of August, 1906; 9th May to the 26th June, 1908; and from the 11th April, 1909, to date.

Drainage area.—19,660 square miles, including the Mattawa river.

OTTAWA RIVER AT KLOCK STATION.

Location of Gauge.—Standard weight and chain gauge on south shore of the river at the village.

Records available.—Gauge readings from 23rd October to 10th December, 1904; 1st April to 22nd October, 1905; 19th February to 31st December, 1906; 1st May to 1st July, 1908; and from the 7th April, 1909, to date.

 $19a - 8\frac{1}{2}$

 $Drainage\ area.$ —19,880 square miles total drainage area to the metering section, 6 miles below Klock station.

Discharge measurements.—These were first made at a point about 5 miles above Deux Rivières. This section never proved satisfactory owing to the swiftness of the current, the unevenness of the shores above and below the section and a very rough bottom. A new section was located about one-half mile above the La Vielle rapids, the mean velocity of which at high water was found to be 2 feet per second, being less than the upper section. The river bed is smooth and the banks fairly straight and even.

Discharge Curve.—Although only a limited number of meterings have been made, the curve may be considered as fairly accurate. During the winter months, however, gauge readings are entirely unreliable as a criterion of the flow. Ice at times chokes the channel below the gauge to such an extent that the water will rise over a foot while the flow past the section is considerably reduced. Log jams, during the summer months, also have the same effect on the flow.

DISCHARGE MEASUREMENTS of Ottawa River at Deux Rivières from the 15th May, 1905, to the 31st March, 1915.

Date.	Made by	Water elevations.	Discharge in Secft.
1905. May 15 July 31 Oct. 6	S. B. Johnson. A. L. McLennan	484 · 90 480 · 15 476 · 95	44,510 22,060 14,020
1906. May 11	J. J. Collins.	489-25	67,160
1907. June 12	S. B. Johnson	491-06	77, 100
1908. May 19 " 20 " 22 June 1 " 10 " 17	S. B. Johnson	490-56 490-66 490-86 492-06 491-66 490-46	75,010 75,450 78,080 83,250 81,640 75,800
1909. May 31	S. B. Johnson.	496-30	111,50
1911. Feb. 23 Mar. 10	S. B. Johnson.	477 · 85 478 · 05 477 · 25	5,850 7,290 7,870
1913. May 15	W. E. Blue	482 - 49	44,93

MAGANASIBI RIVER.

Location of Gauge.—Staff gauge on downstream side of west pier of highway bridge, 1 mile from the mouth.

Records Available.—Gauge is read only at such times when the Maganasibi and Ottawa rivers are being metered.

Drainage Area.—234 square miles.

 $Discharge\ Measurements.—These are made from the highway bridge, 1 mile upstream.$

Discharge Curve.—Apparently accurate within 2 per cent of the actual flow.

DISCHARGE MEASUREMENTS of Maganasibi River, from the 1st June, 1905, to the 29th May, 1908.

Date.	Made by	Water Elevation assumed Datum.	Discharge in Secft.
1905. June 1 Aug. 1 Oct. 7	S. B. Johnson	102 · 23 101 · 55 101 · 02	621 188 76
1906. May 12	J. J. Collins	102 · 45	782
1907. June 12	S. B. Johnson.	102.34	699
1908. May 21 " 29	S. B. Johnson.	102 · 84 102 · 38	1,065 725

DUMOINE RIVER.

Location of Gauge.—Standard weight and chain gauge, 1 mile upstream from the mouth of the river.

Records Available.—Gauge readings from 21st April, 1913, to date.

Drainage Area.—1,517 square miles.

Discharge Measurements.—These are made about 1½ mile upstream, from a row-boat held in position by a rope and cable.

Discharge Curve.—The number of meterings made are not sufficient to make a well-defined curve.

DISCHARGE MEASUREMENTS of the Dumoine River, from the 2nd June, 1965, to the 26th February, 1914.

Daté.	• Made by	Water elevation.	Discharge in Secft.
1905. June 2 Aug. 2 Oct. 5	S. B. Johnson	450 · 4 447 · 6 446 · 3	4,000 1,930 670
1908. May 12 " 28	S. B. Johnson	456·2 455·6	6,420 5,880
1913. May 16	A. A. Anderson	449-4	4,670
1914. Feb. 26	G. M. Brown	445-9	840

PETAWAWA RIVER.

Location of Gauge.—A staff gauge is placed on a pier near the east shore of the river and a short distance below the highway bridge leading to the military camp. This gauge takes the place of the one previously used above the Canadian Pacific railway bridge. The latter was placed directly at the head of the Third chute, and was frequently interfered with by logs during the summer months, as well as by ice in the winter.

Records Available.—Old gauge above Third chute, 5th April to 15th November, 1905; 4th May to 27th June, 1908; 20th April to 18th December, 1909; 4th January, 1910, to 31st August, 1913. New gauge below highway bridge 2nd April, 1913, to date.

Drainage Area.—1,586 square miles.

Discharge Measurements.—The majority of the meterings have been made from the highway bridge leading to the military camps. Winter measurements and some of the later summer ones were made about three-quarters of a mile above Third chute, from a row-boat. The upper section proved more satisfactory than the one at the bridge, the current being more even and not so swift.

Discharge Curve.—This is not accurate. The lower reach of the river is composed of a series of falls and rapids, with intervening stretches of swift water. At the head of these chutes, logs frequently jam, causing a variation in

the relation between the water surface levels and the flow.

Winter Flow.—The discharge relation is affected by ice.

DISCHARGE MEASUREMENTS of the Petawawa River.

	Made by	WATER ELEVATIONS.		Discharge
Date.	nade by	Upper gauge.	Lower gauge.	Secft.
1905. April 27 June 17 Aug. 3 Oct. 4	S. B. Johnson. F. W. Anderson.	439 · 24 440 · 70 439 · 69 437 · 94	415·85 417·32 416·30 414·55	1,864 4,000 2,647 606
1908. May 18	S. B. Johnson	442.04	418-64	6,994
1909. April 20 May 4 July 30 Sept. 11	S. B. Johnson	440·00 440·10 439·85 438·50	$\begin{array}{c} 416\cdot 62 \\ 416\cdot 72 \\ 416\cdot 45 \\ 415\cdot 12 \end{array}$	4,190 4,540 3,480 1,465
1910. Mar. 19	S. B. Johnson	438-11	414.73	820
1911. Dec. 6	S. B. Johnson	437.75	414.36	340
1913. Feb. 21 May 17	S. B. Johnson.	439 · 10	415·72 416·47	1,010 3,210
1914. Feb. 26	S. B. Johnson.		420.32	510

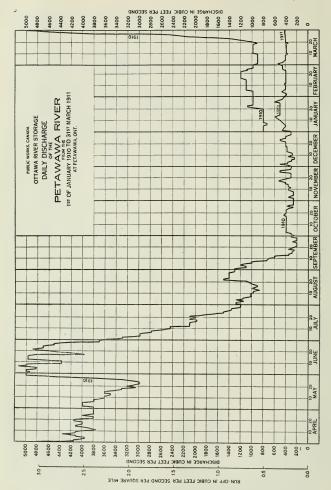
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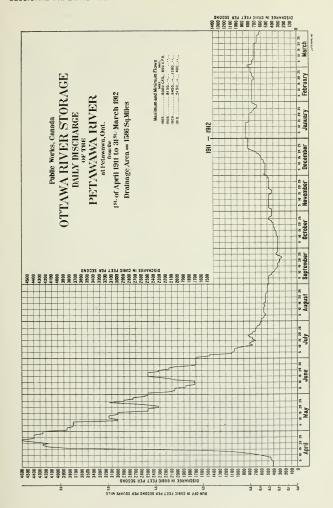
Monthly Discharge of Petawawa River near Petawawa, for 1910-12 and 1913-15.

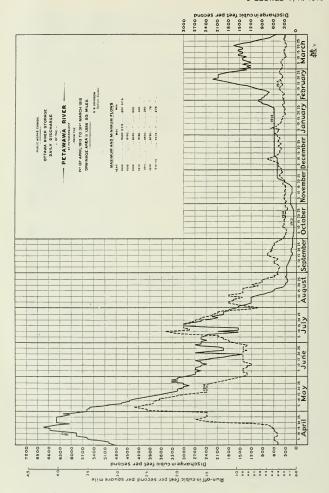
	D	ISCHARGE IN S	SECOND-FEET.		Run-	OFF.		
Month.	Maximum.	Minimum.	Mean.	Per square Mile.	Depth in inches on Drainage Area.	Per cent of rainfall.	Tempera- ture.	Rainfall, inches.
1910. January February March	1,100 1,200 5,000	750 1,000 900	932 1,096 1,587	0·583 0·685 0·992	0·672 0·713 1·144	56 100 147	16·42 9·50 29·27	1·19 0·71 0·7
The period	5,000	750	1,209	0.756	2 · 529	94	18-40	2.65
April	4,300 5,000 5,100 3,300 1,600 1,350 400 500 600 500 700	3,800 2,900 3,800 1,250 850 200 300 300 250 450 400 350	3,987 3,623 4-640 2,168 1,200 507 366 375 360 510 441 463	2·492 2·264 2·900 1·355 0·750 0·317 0·229 0·234 0·225 0·319 0·276 0·289	2·781 2·610 3·237 1·562 0·865 0·354 0·264 0·261 0·259 0·368 0·287 0·333	306 198 216 59 27 49 9 15 42 55 16 28	44·76 52·05 59·86 65·29 62·45 51·64 44·14 29·75 9·90 8·44 9·61 19·37	0·91 1·32 1·50 2·66 3·21 0·72 3·08 1·77 0·62 0·67 1·84 1·20
March The year	7.400	200	1,553	0.971	13 · 181	71	38-11	19-50
April	4,250 2,500 1,700 600 470 470 500 830 860 780	410 2,320 1,700 600 470 260 330 430 500 670 720 600	2,420 3,100 2,070 930 540 380 460 650 800 750 709	1·513 1·938 1·294 0·581 0·338 0·228 0·228 0·288 0·406 0·500 0·470 0·443	1 · 689 2 · 235 1 · 444 0 · 670 0 · 390 0 · 254 0 · 263 0 · 321 0 · 468 0 · 577 0 · 501	22	22·2 -4·3 7·4	4 · 27 1 · 74 2 · 77 2 · 44 3 · 00 2 · 11 1 · 1 · 3 2 · 6 3 · 2 0 · 5
March			1,099	0-686	9-329	33	37.1	28-4
1913-14. April May June July August September October November December January February March		6,756 5,576 2,842 3,002 11,544 256 134 510 582 1,000 2,230 1,666	582 702	1,41 1,26	3 2 43 1 48 1 - 37 7 0 - 42 2 0 - 10 4 0 - 04 0 - 16 6 0 - 34 2 0 - 40 6 0 - 88 4 0 - 79	3 2-803 1 -653 8 1 -584 9 0 -491 1 0 -11: 6 0 -055 0 -18 7 0 -40 1 0 -46 5 0 -92 0 -91	13 199 6 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	8 2 0 0 8 2 8 2 8 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3 4 3
The year			62	1,62	4 1.01	5 13.77	6 5	27
April		1,666 3,485 1,799 76- 355 431 76-	1,424 5,1,200 1,000 8,484 4,356 8,222 8,257 8,222 8,397 2,288 3,31	2,92 1,38 2,40 1,23 3 5 5 5 5 5 5 6 8 4!	1.8: 1.8: 1.5:	19 2 · 12 78 0 · 98 16 1 · 77 77 0 · 88 59 0 · 40 83 0 · 22 10 0 · 22 12 0 · 33 40 0 · 22 44 0 · 22	12 18 10 1 18 1 10 1 10 1 11 1 13 4 14 1 15 1 16 1 17 7 17 7 17 7 18 1 19 1	38 2. 38 1. 30 3. 15 1. 37 2. 14 2. 18 2. 19 2. 10 4. 10 2. 11 4. 12 2. 13 2. 14 2. 16 2. 16 2. 17 2. 18
March		4,31			0.6	34 8-6	27	34 25

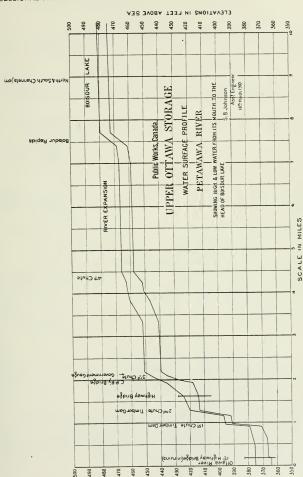
Norz.—Precipitation figures taken from Stonecliffe.

Norz.—Precipitation and temperature taken from Stonecliff, Ont.
Log jams occurred during the spring of 1912 and remained during the greater part of the summer.









ELEVATIONS IN FEET ABOVE SEA

PEMBROKE, ONT. (OTTAWA RIVER).

Location of Gauge.—Staff guage on steamboat wharf. Records Available.—Gauge readings from 14th February, 1905 to 3rd February, 1906; from 10th May to 31st December, 1906; and from 1st April, 1912, to date.

CULBUTE CHANNEL (OTTAWA RIVER).

Discharge Measurements.—Meterings were made from the bridge at Chapeau and from a row-boat held in position by the ferryman's cable near Waltham.

Discharge Curve.—Not well defined.

DISCHARGE MEASUREMENTS of the Culbute Channel, Ottawa River.

Date.	Made by	Water elevation, La Passe.	Discharge in Secft.
1905. May 18 " 31 Aug. 16 Nov. 13		$350 \cdot 21$ $350 \cdot 01$ $344 \cdot 76$ $344 \cdot 36$	4,304 5,250 2,790 3,020
1907. June 14		352.32	7,460

DISCHARGE MEASUREMENTS of the Muskrat River.

(Drainage Area, 440 square miles.)

Date.	Made by	Water elevation.	Discharge. in secft.
1905. April 28 June 16 Aug. 4	S. B. Johnson	380 · 65 380 · 60 377 · 08	400 440 200

BLACK RIVER AT WALTHAM.

Location of Gauge.—Staff gauge on downstream side of bridge pier dividing the power-house head-race from the main river channel.

Records Available.—Gauge readings from 26th April to 15th November, 1905; 17th May, 1909, to date.

Drainage Area.—950 square miles.

Discharge Measurements.—Made from a row-boat a short distance above the bridge. A cable and rope are stretched across the stream during the meterings from which to obtain the distances and hold the boat in position.

Discharge Curve.—Fairly well defined. At low-water periods the water surface elevation is partially controlled by the manipulation of the head-gates at the power-house.

Winter Flow.—Evidently affected by ice.

DISCHARGE MEASUREMENTS of the Black River at Waltham.

Date.	Made by	Water elevation.	Discharge in secft.
1905 . May 31 June 29 Aug. 15 Nov. 13	S. B. Johnson	480 · 95 480 · 59 479 · 49 479 · 84	3,998 1,858 547 816
1907. June 15	«	481 - 12	3,2504
1908 May 21 " 22	:	482 · 65 482 · 45	7,411 6,710
1913. Mar. 15 29 April 18 May 20	A. Kirkpatrick W. E. Blue	479 · 65 481 · 17 482 · 37 480 · 65	600 2,540 4,960 2,380
1914. Aug. 15 " 21 " 22 Sept. 5	G. B. Anderson	478 · 55 478 · 82 479 · 44 479 · 10 478 · 95	370 430 300 250 220
1915. Jan. 21 Feb. 18 Mar. 18 April 20	" A. Kirkpatrick T. Curtis	479-49 479-40 479-29 481-23	360 300 310 2,620

Monthly Discharge of Black River near Waltham, Que., for 1905 to 1911.

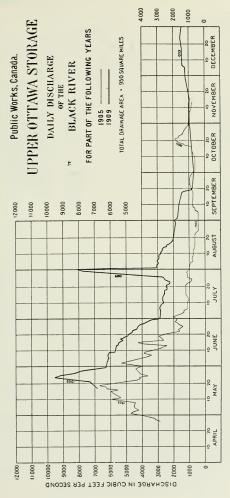
	DISCHARGE IN SECOND-FEET.				Depth in inches on	
Month.	Maximum.	Minimum.	Mean.	Per square mile.	Drainage area.	
April. 1905. May June June Angust September. October. The period	4,200 5,700 5,300 2,200 1,050 950 1,900	2,800 3,600 1,400 800 400 400 600	3,500 4,860 3,040 1,457 650 680 1,000	3 · 684 5 · 116 3 · 200 1 · 533 0 · 684 0 · 716 1 · 052	4·111 5·899 3·571 1·768 0·789 0·799 1·213	
April 1909-10. May July August September Cotober November January February March March March March March March March March March May March Marc	5,620 9,550 6,250 8,100 8,100 1,900 1,200 1,550 1,450 1,100 5,200	1,760 6,300 2,900 2,250 1,850 700 700 950 1,200 1,100 850 1,000	3, 380 7, 360 5, 090 3, 440 3, 160 1, 280 830 1, 020 1, 390 1, 260 960 2, 900	3 · 560 7 · 747 5 · 358 3 · 621 3 · 326 1 · 347 0 · 874 1 · 074 1 · 463 1 · 326 1 · 011 3 · 053	3.973 8.932 5.980 4.175 8.835 1.503 1.008 1.199 1.687 1.529 1.052 3.520	
The year	9,550	700	2,670	2 · 647	3 · 199	
April. May June. June. June. August September October December January February March The year	7,000 4,500 5,400 1,900 1,350 1,600 1,700 1,150 1,200 800 800	2,800 1,100 1,900 500 300 700 850 850 850 800 700 750	5, 210 2, 440 3, 640 1, 160 1, 030 1, 160 960 950 750 730 790	5 - 484 2 · 568 3 · 726 1 · 221 0 · 589 1 · 092 1 · 221 1 · 011 0 · 958 0 · 789 0 · 768 0 · 831	6 · 120 2 · 960 4 · 150 1 · 407 0 · 679 1 · 218 1 · 407 1 · 128 1 · 105 0 · 910 0 · 799 0 · 958	

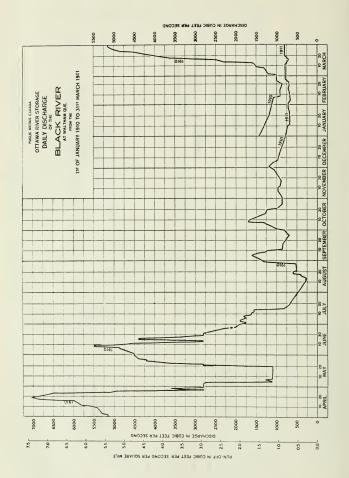
6 GEORGE V, A. 1916

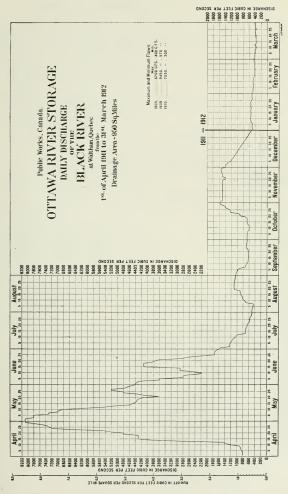
Monthly Discharge of Black River near Waltham, Que., for 1911 to 1915.

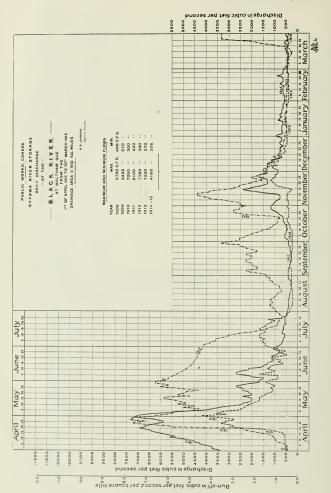
	DISCHARGE IN SECOND-FEET.			т.	Depth in	
Month.	Maximum.	Minimum.	Mean.	Per square mile.	inches on Drainage area.	
April 1911-12. May June July Avgust September. September. November December January Fobruary March	8, 100 8, 100 4, 400 1, 600 1, 100 1, 050 1, 570 1, 570 1, 400 580 520 450	800 3,610 1,600 500 460 630 600 1,400 530 500 430 370	3,910 5,790 3,070 910 840 760 900 1,480 966 540 460 400	4·115 6·094 3·231 0·954 0·882 0·804 0·947 1·562 1·010 0·568 0·484 0·421	4·592 7·026 3·606 1·100 0·017 0·897 1·095 1·743 1·165 0·655 0·504 0·485	
The year	8,100	370	1,440	1.756	24 - 245	
April. 1912-13. May June July August August September. September. Sovember December January. February March. September. September. September. September Sep	7,270 6,240 5,850 4,130 1,380 3,330 2,800 4,390 1,340 560 510 3,330	430 4,320 4,150 720 720 1,380 800 1,480 560 470 390 260	2,990 5,292 4,757 1,970 1,046 2,155 1,797 2,728 832 505 436 1,195	3·14 5·57 5·00 2·07 1·10 2·26 1·89 2·87 0·88 0·53 0·45 1·26	3·51 6·42 5·59 2·39 1·27 2·53 2·18 3·20 1·01 0·61 1·48 1·45	
The year	7,270	260	2,145	2.26	30.65	
April	7, 202 6, 936 2, 680 860 450 405 1, 180 2, 414 1, 495 860 910 565	3,478 1,685 770 450 270 270 405 770 680 565 565 425	5,517 3,012 1,500 608 357 345 683 1,369 939 679 634 470	5·86 3·17 1·58 0·64 0·38 0·36 0·72 1·44 0·99 0·72 0·67 0·50	6·48 3·67 1·76 0·74 0·43 0·40 0·83 1·61 1·14 0·82 0·69 0·57	
The year	7,202	270	1,339	1.41	19 - 14	
April. 1914–15. May	3,810 4,160 1,660 1,660 334 450 1,184 1,250 540 450 540	450 973 450 334 206 235 226 450 385 385	1,516 1,907 951 1,238 248 264 342 608 749 475 404	1.595 2.007 1.001 1.303 0.261 0.277 0.360 0.640 0.788 0.500 0.425 0.453	1.780 2.314 1.117 1.502 0.301 0.415 0.714 0.909 0.576 0.445	
The year	4,160	206	769	0.809	10.901	

Note.—Figures for the month of April, 1909, were estimated by taking the mean of 4 years records at the same station and for the same month.









COULONGE RIVER.

Location of Gauge.—Staff gauge attached to a pier at the head of Coulonge chute.

Records Available.—Gauge readings 26th April to 15th November, 1905; 14th May to 27th June, 1908; 1st January, 1910, to date.

Drainage Area.—1,820 square miles.

Discharge Measurements.—Made from boat at a section about one-quarter of a mile above Coulonge chute.

Discharge Curve.—For discharges from 300 up to 1,000 c.f.s. the curve is well defined, but beyond that flow further meterings are required in order to arrive at a more definite curve.

Winter Flow.—Evidently affected by ice during short periods.

DISCHARGE MEASUREMENTS of the Coulonge River.

Date.	Made by	Water elevation.	Discharge. in secft.
1905. May 31		503·85 502·95 501·95 502·25	6470 3140 1480 1700
1908. May 20 May 26 May 26		507-25 507-05 507-05	14870 11630 11640
1911. Nov. 30		503 - 33	1750
April 10	A. M. Kirkpatrick. W. E. Blue W. E. Blue	501 · 55 504 · 09 502 · 98	920 5200 3600
1914. Aug. 6. Aug. 19 Aug. 26. Sept. 3 Sept. 17 Sept. 19 Sept. 23 Oct. 6.	G. B. Anderson	501·24 500·85 500·60 500·26 500·23 500·14 500·03 499·95	890 520 440 530 330 310 260 220
1915. Jan. 21 Feb. 19. March 18	A. M. Kirkpatrick	501-13 500-93 500-95	700 440 590

Monthly Discharge of the Coulonge River for 1905 to 1912.

(Drainage Area, 1,820 square miles.)

Month.	I	DISCHARGE IN	SECOND-FEE	т.	Depth in inches on
Month.	Maximum.	Minimum.	Mean.	Per square mile.	Drainage area.
April May June July August September October November	4,000 1,750	5,700 2,900 2,100 900 900 1,200	9,260 5,040 2,910 1,910 1,240 2,610	5.088 2.770 1.599 1.050 0.681 1.434	5 · 866 3 · 091 1 · 860 1 · 211 0 · 760 1 · 653
The period	13,400	900			
May 1966. June July September Septe	13,750 11,000 6,250 2,200 750 1,300 1,600	6,250 4,400 1,500 650 650 650 1,150	7,920 6,750 3,010 1,480 700 940 1,330	4 · 352 3 · 709 1 · 654 0 · 813 0 · 385 0 · 516 0 · 731	5·018 4·139 1·907 0·937 0·430 0·595 0·816
The period	13,750	650			
April ^a 1969-10. May May une lolly August eptember. eletoher December January February March	11, 350 35, 800 20, 750 28, 500 25, 000 2, 600 3, 000 3, 900 3, 200 1, 600 9, 100	4,120 20,750 3,660 2,150 2,250 1,400 2,200 2,200 2,700 1,100 900 1,600	6,560 25,770 8,760 4,840 11,400 2,020 2,590 2,570 3,160 1,610 1,160 4,085	3·604 14·106 4·813 2·659 6·263 1·109 1·423 1·412 1·736 0·884 0·637 2·245	4 · 022 16 · 264 5 · 371 3 · 066 7 · 221 1 · 238 1 · 641 1 · 576 2 · 002 1 · 019 0 · 663 2 · 588
The year	. 35,800	900	6,210	3 - 408	46-671
April 1910–11. May May August September October December December January February March	20, 200 14, 200 13, 750 7, 890 2, 400 2, 800 4, 600 2, 300 2, 300 2, 200 2, 000	12,750 8,300 7,250 2,050 1,600 1,500 2,600 3,750 2,400 1,700 1,750 1,750	15, 100 10, 350 10, 170 3, 670 1, 900 1, 860 4, 170 4, 100 3, 400 1, 990 2, 000 1, 950	8 · 241 5, 681 5 · 587 2 · 015 1 · 043 1 · 021 2 · 289 2 · 252 1 · 868 1 · 093 1 · 098 1 · 076	9 · 197 6 · 550 6 · 235 2 · 223 1 · 202 1 · 139 2 · 639 2 · 513 2 · 154 1 · 260 1 · 143 1 · 241
The year	20,000	1,500	5,050	2.722	37 - 596
April. 1911–12. May	5,750 10,250 7,250 3,650 2,900 1,650 1,750 1,000 1,100	1,000 5,750 3,700 1,600 1,480 900 760 900 1,100 950 830 700	2,570 8,130 6,100 2,460 1,980 1,250 860 1,200 1,740 1,050 860 760	1 · 412 4 · 467 3 · 352 1 · 352 1 · 088 0 · 687 0 · 473 0 · 659 0 · 956 0 · 577 0 · 473 0 · 418	1·58 5·15 3·74 1·56 1·25 0·77 0·55 0·67 0·67 0·51 0·48
The year	10.250	700	2.410	1.326	18-10

SESSIONAL PAPER No. 19a

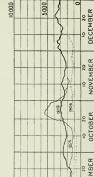
Monthly Discharge of Coulonge River near Coulonge for 1912 to 1915.

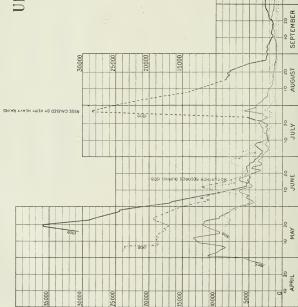
	I	DISCHARGE IN	SECOND-FEE	r.	Depth
Month.	Maximum.	Minimum.	Mean.	Per square mile.	in inches on Drainage area.
1912-13.					
April, May June June August September Cetober Cytownber Junuary February March	9,930 8,630 8,375 2,582 1,555 1,882 4,555 7,407 2,600 1,080 980 4,750	824 6,050 2,767 932 652 1,087 1,087 2,850 1,080 900 760 550	4,447 7,411 5,243 1,955 9,927 1,416 2,239 4,598 1,617 1,055 854 1,662	2·443 4·072 2·881 1·074 5·454 0·778 1·230 2·526 0·888 0·580 0·469 0·913	2·726 4·695 3·215 1·238 6·288 0·868 1·418 2·819 1·024 0·669 0·488 1·053
The year.	9,930	550	2,794	1.535	26 - 501
April 1913-14. Mav. June July June July Arguenuber October November. December December. The year.	13, 210 10, 450 4, 555 2, 582 547 2, 955 5, 397 3, 532 1, 242 1, 717 1, 242	5, 185 3, 930 2, 050 652 215 142 215 1, 882 1, 397 780 452	8,176 5,454 3,438 1,349 318 258 1,033 3,686 2,493 1,067 1,316 629	4·492 2·997 1·889 0·741 0·175 0·142 0·567 2·014 1·370 0·586 0·723 0·346	5·013 3·455 2·108 0·854 0·202 0·158 0·654 2·248 1·580 0·676 0·753 0·399
The year	13,210	142	2,428	1,334	18-100
April	7.642 7,642 3,532 3,532 960 477 512 1,375 1,717 857 754 582	857 2,582 1,167 960 417 235 225 372 651 651 582 477	$\begin{array}{c} 2,517\\ 4,470\\ 2,238\\ 1,940\\ 629\\ 350\\ 356\\ 830\\ 1,002\\ 751\\ 603\\ 540\\ \end{array}$	1·383 2·456 1·228 1·066 0·346 0·192 0·196 0·459 0·550 0·413 0·331 0·297	1·543 2·832 1·370 1·229 0·399 0·214 0·226 0·512 0·634 0·476 0·345 0·345
The year	7,642	225	1,357	0.746	10.122

^{*} April flows estimated from the means of 5 years.

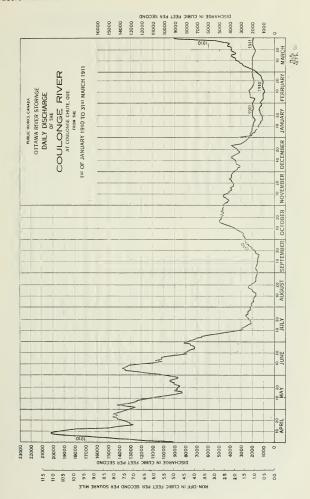
S.B. Johnson Asst Engineer

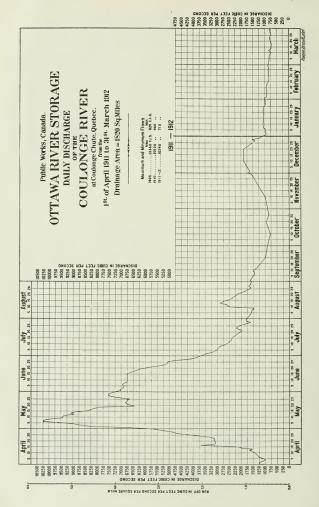
Public Works, Canada. UPPER OTTAWA STORAGE

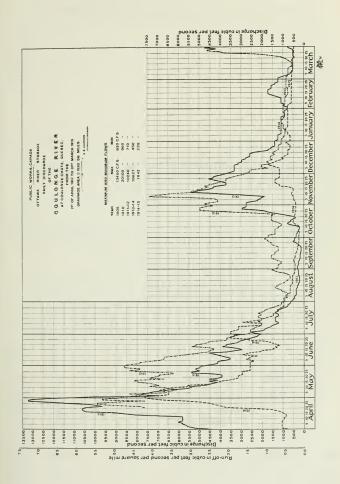
DAILY DISCHARGE OF THE COULONGE RIVER 



DISCHARGE IN CUBIC FEET PER SECOND







6 GEORGE V, A. 1916

DISCHARGE MEASUREMENTS of the Ottawa River below Allumette Island.

Date.	Made by	Water Elevation, La Passe.	Discharge in Secft.
1905. May 12 Aug. 16 Nov. 14		344-76 344-31	45,000 20,014 16,100
1907. June 15		352-32	90,310

OTTAWA RIVER AT HEAD OF COULONGE LAKE AND AT LA PASSE.

Location of Gauge.—Staff gauge on pier just above ferry landing at La Passe, Ont.

Records available.—Gauge readings at head of Coulonge lake, 9th June, 1894, to 6th November, 1904; La Passe (foot of Coulonge lake), 17th February, 1905, to 27th January, 1906; 28th September, 1911, to date.

Drainage area.—At La Passe, 27,900 square miles.

Discharge measurements.—Made from catamaran opposite the village of La Passe.

Discharge curve.—The controlling sections are a long distance below La Passe, and frequently logs either fill the channels or stick at the head of the chutes, thus raising the level of the reach without increasing the flow. The curve is therefore useless during the time these logs remain at the head of the falls.

Winter flow.—The discharge relation is affected by ice.

DISCHARGE MEASUREMENTS of Ottawa River at La Passe, Ont.

Date.	Made by	Water elevation.	Discharge.
1905.			Secft.
May 15 June 28 Aug. 16 Nov. 15	F. W. Anderson "" J. J. Collins	350 · 20 347 · 65 344 · 75 344 · 25	62,900 44,349 21,160 22,620
1907. June 16	S. B. Johnson	352-26	95,150
1908. May 15 " 16 " 18 " 19 " 23 " 27	A. Surveyor	353 · 85 354 · 00 354 · 05 353 · 95 353 · 80 353 · 35 ¹	1124,840 1124,700 1131,270 1128,750 1126,820
1911. Nov. 28	S. B. Johnson.	344-55	21,160
1913. Mar. 13 " 17 " 26 " 31 April 15 May 21	S. B. Johnson A. M. Kirkpatrick W. E. Blue	345·25 345·20 347·05 347·90 348·05 351·03	21, 090 21, 280 33, 380 37, 870 49, 480 50, 780

¹Float measurement

Discharge Measurements of Ottawa River at La Passe, Ont.—Con.

te. Made by.	Water Elevation.	Discha
14.	Feet.	Secf
2 G. M. Brown	344 - 93	20
30 S. B. Johnson	343.73	18
31 G. B. Anderson	343 - 65	18
1 "	343.54	19
	 343 - 40	18
	 343.33	17
	343 - 15	16
7 "	343 - 12	17
10 "	342.93	14
12 "	 342-92	15
13 "	 342.87	14
20 "	342-52	13
25 "	342.38	13
	342-30	11
	 342-22	11
29 "	 342-13	10
	 342-12	11
2 " "	342-08	11
	342-00	10
10 "	342.01	11
11 "	342.00	10
15 "	341-92	10
18 "	341.92	11
21 "	341.87	9
23 "	341-83	9
1 "	341.55	7
5 "	341-48	7
22 A. M. Kirkpatrick .	342 - 28	12
15.	342.54	9
22 G. B. Anderson	342.54	1
19 A. M. Kirkpatrick	342.53	1 8

BRYSON, QUE.

Location of Gauge.—A staff gauge was attached to the steamboat wharf at Bryson in February, 1905, but has since been destroyed by ice.

Records available.—Gauge heights from 14th February, 1905, to 31st December, 1906.

Discharge measurements.—These are made from row-boats at various sections from Calumet up to the head of Calumet island. The greater part of the reach is fairly even and is well adapted to metering purposes.

Discharge curve.—Not well defined.

Winter flow.—The flow at Bryson is affected by ice to about the same degree as that at La Passe.

DISCHARGE MEASUREMENTS of the Calumet Channel of the Ottawa River.

Date.	Made by	Water Elevation.	Discharge in Secft.
1900. Aug	C. E. Gauvin		16,565
1905. May 12 Nov. 16	F. W. Anderson. J. J. Collins.	346·04 342·39	26,712 10,925
1907. June 17	S. B. Johnson	347-44	33,000
1913. Aug. 12 Sept. 22 " 28 Oct. 2	G. B. Anderson	342·93 341·86 341·68 341·53	8,554 4,800 4,774 4,117

DISCHARGE MEASUREMENTS of Bernard Creek:

(Drainage area, 80 square miles).

Date.	• Made by	Discharge in Secft.
1914. Nov. 14	G. B. Anderson.	27

BONNECHERE RIVER AT RENFREW.

Location of Gauges.—Staff gauge above the intake of the lower power-house. Observations were discontinued owing to the level of the reach being regulated by the power people during low water period. A weight and chain gauge was placed in December, 1914, around the first bend below the town at a point which is not affected by back water.

Records available.—Gauge heights from 3rd April to 15th November, 1905; 15th April, 1909, to 31st December, 1914. Chain gauge, 19th December to date.

Drainage area.—910 square miles.

 $\it Discharge\ measurements. — Made from the Canadian Pacific Railway bridge above the town.$

Discharge curve.—The water levels at the new gauge below the power-houses require calibrating. The old discharge curve cannot be used during periods of low water owing to the artificial regulation of the reach, and is very uncertain at higher stages.

Winter flow.—Possibly to a small extent affected by ice.

Precipitation and Temperature records.—Kept by Dr. Wm. Forrest at Renfrew, Ont., for the Dominion Meteorological Service since 1890.

Discharge Measurements of the Bonnechere River.

Date.	Made by	Water Elevation.	Discharge in Secft.
1905. April 26 June 26 Aug. 4	F. W. Anderson. A. L. MacLennan.	324·73 324·58 323·78	1,771 1,613 812
1908. May 19	D. H. Philp		3,901
1909. April 15 May 3 July 30 Sept. 11	S. B. Johnson	326·18 326·88 324·38 323·68	2,800 4,110 860 420
1910. April 14		325-13	1,620
1913. Feb. 25	A. M. Kirkpatrick	27-41	506
1914. Feb. 27	G. M. Brown	28.0	154

From base of rail down

SESSIONAL PAPER No. 19a

Monthly Discharge of Bonnechere River at Renfrew, Ont., for 1909 to 1912.

(Drainage area, 910 square miles).

Month.	DISCHARGE IN SECOND-FEET.				Run-off.		Тетрега-	Rainfall.
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage area.	Per cent of rainfall.	tures.	inches.
April. May June July August September. October November December January February March	4,170 5,170 2,650 1,100 820 450 350 350 350 350 350 350 350	2,450 2,550 1,000 500 340 250 140 150 200 330 350 330	3,050 3,400 1,530 740 600 380 260 240 310 370 410 1,020	3-35 3-74 1-68 0-81 0-66 0-42 0-29 0-26 0-34 0-41 0-45 1-12	3.739 4.312 1.875 0.934 0.761 0.469 0.334 0.290 0.392 0.472 0.468 1.291	111 112 184 20 50 18 29 12 20 13 29 61	36·8 51·9 65·7 67·0 67·4 57·4 44·6 34·5 17·5 15·7 9·2 31·3	3.37 3.85 1.02 4.69 1.53 2.60 1.16 2.50 1.99 3.52 1.61 2.12
The year	5,170	140	1,030	1.13	15.337	51	41.6	29.96
1910-11. April. May May June June July August September October. November. December. January February March	1,700 1,750 1,000 630 310 290 180 220 220 190 190	1,160 1,000 630 280 90 90 130 120 70 70 80	1, 450 1, 200 800 450 210 140 120 170 170 110 110	1·59 1·32 0·88 0·49 0·23 0·15 0·13 0·19 0·19 0·12 0·12	1·774 1·522 0·982 0·565 0·265 0·167 0·150 0·212 0·219 0·138 0·125 0·138	88 58 68 30 05 06 04 18 23 08 04 06	46·6 53·2 62·9 66·1 66·3 151·6 46·3 30·4 10·3 12·8 11·6 21·4	2·01 2·60 1·45 1·87 5·33 2·75 4·06 1·20 0·95 1·67 2·93 2·29
The year.	1,750	70	420	0.46	6 · 257	23	40.2	29 - 11
April. May June July August September. October November. December January February March	2,600 2,400 1,420 960 340 270 70 370 490 4474	70 30 50 70 370 410	1,460 1,740 1,770 500 300 140 50 200 46(422 400	1.914 1.286 0.550 0.330 0.150 0.055 0.055 0.220 0.505 0.465			68·3 55·8 45·9 29·2 25·8 0·2 10·3 18·1	3 · 45 1 · 41 3 · 38 2 · 46 1 · 85 2 · 86 1 · 46 2 · 66 1 · 66
The year.	2,600	30	570	0 - 631	8 - 582	30	40.5	3 28 - 5

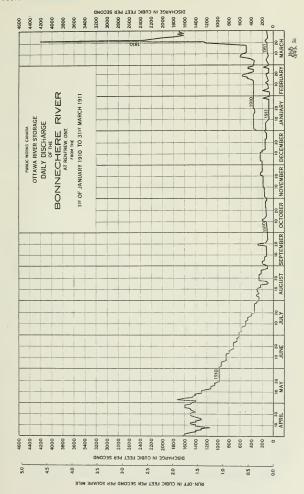
¹No temperature records at Renfrew for September, 1910. Stonecliff temperature used.

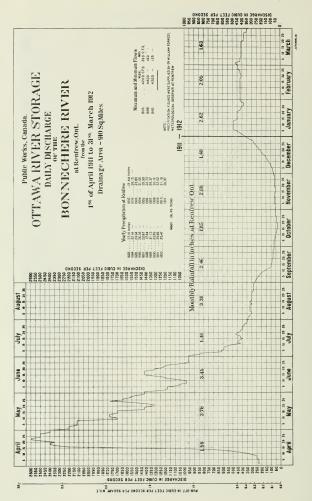
Public Works, Canada. UPPER OTTAWA STORAGE

DAILY DISCHARGE OF THE BONNECHERE RIVER TOTAL DRAINAGE AREA = 910 SQUARE MILES



DISCHARGE IN CUBIC FEET PER SECOND





OTTAWA RIVER AT ARNPRIOR.

Location of Gauge.—Staff gauge on steamboat wharf. Records available.—Gauge readings from 3rd February, 1905, to 28th December, 1906; 29th March, 1914, to date.

Drainage area.—32,408 square miles.

MADAWASKA RIVER.

Location of Gauges.—Staff gauge on Calabogie lake at Calabogie, Ont. Staff gauge on pier below Claybank bridge.

Records available.—Calabogie gauge, 24th April to 21st November, 1909; 1st January, 1910, to date. Claybank gauge, 15th April, 1909, to date. Drainage area.—3,210 square miles.

Discharge measurements.—Made from a row-boat, 400 feet above Claybank bridge.

Discharge curve.—Fairly well defined.

Winter flow.—Affected by ice to a very small extent.

DISCHARGE MEASUREMENTS OF THE MADAWASKA RIVER.

Date	Made by	W. S. elevation, Claybank	Discharge in Secft.
1898. Sept. 12	W. L. Scott.		1,174
1905. April 14 25 June 15 Aug. 5	J. Gillespie F. W. Anderson O. M. Stitt A. L. MacLennan	263 · 25 262 · 80 262 · 65 262 · 35	7,904 6,362 5,840 4,866
1908. May 19 July 15	D. H. Philp.	264 · 21 261 · 16	18,220 2,730
1909. April 14 21 July 31 Sept. 13	S. B. Johnson .	263 · 95 266 · 30 261 · 87 261 · 60	10,280 17,770 3,560 2,300
1910. April 2		264 · 45	12,225
1911. Feb. 21 Apr. 19-20 Dec. 1		260 · 01 263 · 40 260 · 51	750 8,010 1,134

6 GEORGE V, A. 1916

Monthly Discharge of Madawaska River near Claybank, for 1909 to 1913.

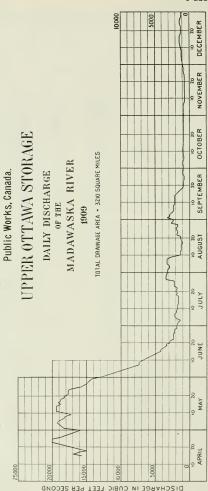
(Drainage area, 3,210 square miles.)

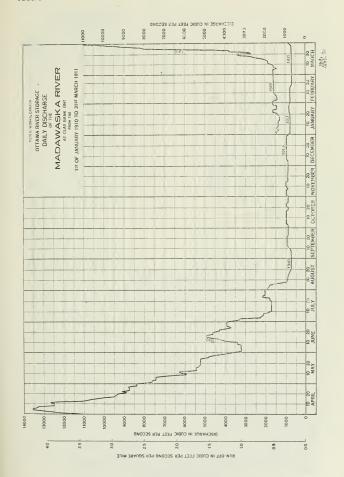
	I	DISCHARGE IN	SECOND-FEET		Dpeth in inches
, Month.	Maximum.	Minimum.	Mean.	Per square mile.	on Drainage area.
April 1969-10. May June June June June June June June June	20,000 19,400 13,000 3,400 3,300 3,300 1,000 1,000 1,600 1,600 1,700 11,000	8,500 13,000 1,900 1,350 1,100 750 750 700 1,000 1,300 1,450 1,500	13,590 17,020 5,750 2,140 2,110 1,610 850 780 1,230 1,420 1,560 4,060	4·233 5·302 1,791 0·666 0·657 0·501 0·264 0·242 0·383 0·442 0·485 1·264	4·724 6·113 1·999 0·768 0·758 0·304 0·270 0·442 0·510 0·505 1·457
The year.	20,000	700	4,340	1.353	18.409
April V16-11. May June July August September October December January February March Landary March Landary March Landary March Landary March Landary March Landary La	13,500 8,000 5,000 4,000 2,000 950 1,000 950 900 800 850	8,000 3,600 3,250 2,700 700 900 900 900 900 800 700 700	10,550 5,900 3,990 2,230 1,110 842 950 960 930 830 760 720	3·287 1·838 1·243 0·695 0·346 0·262 0·296 0·299 0·299 0·259 0·237 0·224	3 · 668 2 · 119 1 · 387' 0 · 801 0 · 400 0 · 292 0 · 341 0 · 334 0 · 334 0 · 299 0 · 247 0 · 258
The year	13,500	· 700	2,480	0.773	10.480
April 1911-12, May Une University Office of the Control of the Con	9,200 7,700 5,000 3,400 1,200 950 950 1,000 1,650 1,720 1,550 1,650	\$20 4,650 3,400 1,200 950 520 650 850 1,070 1,340 1,440 1,200	5,090 5,700 4,080 1,740 1,070 730 760 930 1,320 1,560 1,500 1,410	1-584 1-775 1-271 0-543 0-334 0-229 0-237 0-291 0-411 0-489 0-468 0-440	1·768 2·047 1·418 0·626 0·385 0·256 0·273 0·325 0·474 0·505 0·505
The year	9,200	520	2,160	0.672	9 · 148
April 1912-13. May June July August September Governber December December January February March	21,200 13,176 13,176 3,443 1,259 1,112 1,716 5,376 5,676 3,443 21,499	1,048 7,877 4,010 1,259 1,048 1,048 1,048 2,885 2,685 2,685 2,070 1,935	10,517 9,984 7,942 1,866 1,134 1,078 1,147 3,278 4,606 3,036 2,741 9,764	3·276 3·110 2·474 0·581 0·353 0·336 0·357 1·021 1·435 0·946 0·854 3·042	3.656 3.585 2.761 0.670 0.407 0.375 0.412 1.139 1.655 1.091 0.889 3.507
The year	21, 499	1.048	4.764	1.484	20.147

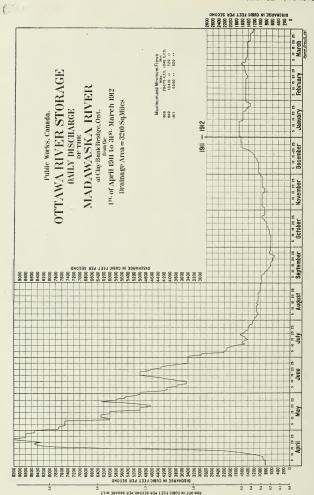
SESSIONAL PAPER No. 19a

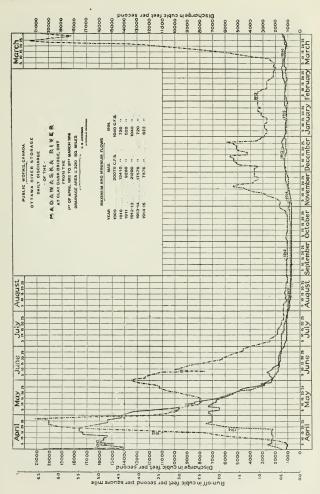
Monthly Discharge of Madawaska River near Claybank, for 1913 and 1915.

	I	DISCHARGE IN SECOND-FEET.				
Month.	Maximum.	Minimum.	Mean.	Per square mile.	in inches on Drainage area.	
April 1913-14. May. une une 4 Agust eptember Cetober Vovember Annuary Cebruary March.	13,976 2,660 1,250 918	13,976 2,180 1,250 979 720 720 720 720 1,178 1,104	14,745 7,116 1,895 1,098 720 720 980 1,328 1,163 1,300 1,280	4·593 2·217 0·590 0·343 0·249 0·224 0·305 0·414 0·362 0·405 0·399	5·126 2·556 0·658 0·395 0·287 0·250 0·258 0·340 0·477 0·417 0·412 0·460	
The year	17,576	720	2,755	0.858	11-646	
April 1914-15. May une luly ulugst september selectioner or December annuary selectioner	7,576 7,309 2,308 1,505 1,040 822 918 1,104 1,250 1,250 1,250 1,417	1,704 2,468 1,505 1,040 822 822 822 870 1,104 1,040 1,104 1,178	4,024 5,517 1,735 1,317 851 822 850 960 1,199 1,145 1,193 1,290	1 · 254 1 · 719 0 · 540 0 · 410 0 · 265 0 · 256 0 · 265 0 · 210 0 · 374 0 · 357 0 · 372	1·399 1·982 0·603 0·473 0·306 0·286 0·306 0·234 0·412 0·412 0·387 0·464	
The year	7,576	822	1,745	0.544	7.283	

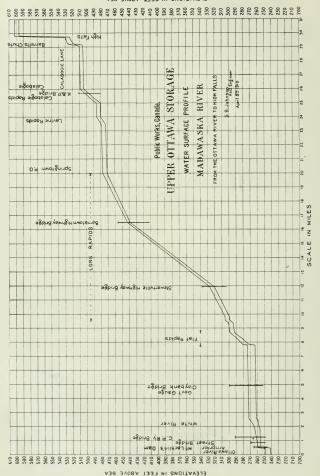








ELEVATIONS IN FEET ABOVE SEA



MISSISSIPPI RIVER.

Location of Gauge—On upstream side of highway bridge below the power plant at Galetta. The gauge is under the supervision of the Eastern Ontario district engineer for the Hydro-electric Commission of Ontario; data are exchanged where ever possible.

Drainage area.—1,400 square miles.

Discharge measurements.—These are made above the lower highway bridge at Galetta, Ont., from a row-boat.

DISCHARGE MEASUREMENTS of the Mississippi River.

Date.	Made by	W. S. Elevation.	Discharge in Secft.
1905 April 8 June 14 Aug. 5 Oct. 3	J. Gillespie O. M. Stitt A. L. MacLennan J. J. Collins	91-99 89-48 88-74 88-06	7,755 2,005 1,376 695
1903. Mar. 30	J. Gillespie		700
1908. May 20	D. H. Philp		2,862
1913. Dec. 2	J. Beauchemin		1776

East channel.

OTTAWA RIVER AT FITZROY HARBOUR, ONT.

Gauge readings.—3rd February, 1905, to 29th December, 1906.

OTTAWA RIVER AT QUYON, QUE.

Location of Gauge.—Staff gauge on boat-house at Quyon landing. Records available.—Gauge readings from 27th May to 12th June, 1914; 5th January, 1915, to date.

Drainage area.—34,270 square miles, below Quyon and Carp rivers.

Discharge measurements.—Made at the first narrows below Quyon from two boats attached together. Distances secured by triangulation.

· Discharge curve.—Fairly well defined for medium and low-water flows.

 $Winter\ flow$ —Discharge relation not affected by ice to any perceptible degree.

6 GEORGE V, A. 1916 DISCHARGE MEASUREMENTS of Ottawa River at Quyon, Que.

Date.	Hydrographer.	W.S. Elevations at Quyon.	W.S. Elevations at Britannia.	Discharge at Quyon.	Discharge at Chaudiere.
1913.				Secft.	Secft.
Nov. 21 " 22 " 24 " 25 " 26 " 27 " 28 " 29 Dec. 1 " 2 " 3 " 4	J. A. Beauchemin """ H. S. Patterson """ J. A. Beauchemin.		191·7 191·6 191·6 191·4 191·5 191·7 191·8 192·0 192·2 192·2 192·3 192·3	28, 930 32, 910 32, 420 33, 310 40, 380 40, 880 45, 320 44, 850 42, 200 42, 170 45, 670	29, 22 33, 24 32, 74 33, 64 40, 78 41, 29 39, 20 45, 77 45, 30 42, 62 42, 69 46, 13
" 5 " 6 " 10 " 11 " 12 " 13 " 15 " 16 " 17 " 18 " 20 " 22 " 1914.	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4		192.3 192.2 192.4 192.3 192.2 192.1 192.0 192.0 191.9 191.8 191.9	46,540 43,340 44,740 41,940 44,230 43,950 41,600 40,370 39,800 41,700 38,770 36,560	47,01 43,77 45,19 42,36 44,67 44,39 42,02 40,77 40,20 42,12 39,16 36,93
1914. Iay 21 uly 4	S. B. Johrson G. B. Anderson		193·1 191·9	63,550 43,790	64, 19 44, 23
" 7" 8 " 10 " 11 " 15 " 16 " 17" " 20 " 21 " 22 " 23 " 24 " 25	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		191-9 191-8 191-7 191-5 191-5 191-3 191-2 191-1 191-0 190-9 190-8 190-7 190-6	40,640 37,890 37,810 36,310 33,950 34,070 32,960 30,080 31,060 29,100 28,260 26,550 27,020	41, 05 38, 27 38, 18 36, 67 34, 29 33, 59 30, 38 31, 37 29, 39 28, 54 26, 82 27, 29
27 et. 8 13 14 15 16 19 20	n		199-6 188-9 189-0 188-9 188-9 188-9 189-0 189-0	30,590 9,050 9,240 9,650 9,700 9,260 10,050 8,980 9,690	30,90 9,19 9,33 9,73 9,80 9,33 10,13
ov. 6 10 12 18 20 23 4 24	# # # # # # # # # # # # # # # # # # #		188 · 8 188 · 9 188 · 9 189 · 2 189 · 1 189 · 4 189 · 4	9,340 9,310 8,120 7,860 7,970 7,840 9,660 10,610	9,79 9,43 9,40 8,20 7,94 8,05 7,92 9,76 10,72
25 26 27 28 ec. 4 9 10 11	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0		189-3 189-3 189-4 189-4 189-6 189-7 189-7 189-7	10, 100 10, 500 9, 720 10, 150 12, 150 13, 150 13, 180 13, 380	10, 20 10, 61 9, 82 10, 25 12, 27 13, 28 13, 31 13, 51
16 17 18 19 28 29			189·7 189·6 189·6 189·5 189·5 189·4 189·4	12, 460 11, 920 12, 490 12, 270 11, 270 11, 450 12, 220	12,58 12,04 12,61 12,39 11,38 11,56

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DISCHARGE MEASUREMENTS of Ottawa River at Quyon, Que.

Date.	Hydrographer.	Elevations at Quyon.	Elevations at Britannia.	Discharge at Quyon.	Discharge at Chaudiere.
1915.				Secft.	Secft.
Jan. 5	G. B. Anderson	189.5	189-4	10,460	10,560
" 9	11	189.5	189-5	11,790	11,910
" 12	"	189 - 6	189-5	12,130	12,250
" 13	"	189.6	189.5	12,380	12,500
" 14	6	189.6	189-5	11,470	11,580
" 15	44	189 - 6	189-5	12,040	12,160
" 16	44	189-6	189-5	11,890	12,010
" 18	44	189-6	189-5	12,070	12, 190
" 19	4	189-6	189-6	11,940	12.060
" 20	"	189-6	189-5	11,770	11,890
" 26	44	189-6	189-5	12,200	12,320
" 27	"	189-6	189-5	11,830	11.950
" 28	44	189.5	189.5	11,760	11,880
" 29	"	189.5	189-4	11,860	11.980
Feb. 1	"	189-5	189-4	10.580	10.690
" 3	44	189-6	189-5	12,020	12, 140
4 4	"	189-5	189-4	12,000	12, 120
u ŝ	66	189.5	189-4	11,840	11,960
" 6	"	189.5	189-4	11,810	11.930
44 9	"	189-6	189-5	11,730	11,850
" 10	"	189 - 6	189-5	11.320	11, 430
" 11	"	189.5	189.4	12,070	12, 190
" 12	"	189-5	189-4	9,720	9, 820
" 13	"	189-5	189.4	10.660	10,770
" 15	A. M. Kirkpatrick	189-6	189.5	11,250	11,360
" 16	A. M. Kirkpatrick	169.5	189-4	11,050	11,160
" 22	G. B. Anderson	189.5	189-4	7,370	7,440
" 23		189.5	189-4	12.020	12,140
" 26		189.7	189-6	14.860	15,010
" 27	44	189.7	189-7	13, 950	14,090
Mar. 1	A. M. Kirkpatrick	189-8	189-8	13,750	13,890
Mar. 1	G. B. Anderson	189.7	189.7	13,300	13,430
" 3		189-6	189-7	13,080	13, 210
" 4	"	189-6	189-6	12,090	12,210
" 5	"	189.6	189.5	11.460	11.570
" 6		189.5	189-5	10,720	10,830
" 8	A. M. Kirkpatrick	189.6	189-5	11,590	11,710
" 9		189.5	189-4	10,990	11, 100
" 10	G. B. Anderson.	189-5	189.4	10,780	10, 890
" 11	"	189-4	189-4	11,720	11,840
" 12			189-4	10,940	11,050
" 12	Thos. Curtiss.	189-4		11,420	11,030
	"	189-4	189.3	11, 420	12,100
" 15 " 16		189.5	189-4 189-4	11,980	12,100
" 16 " 17		189.5	189-4	12,710	12,840
" 20		189·5 189·4	189-4	12,220	12,340
20					
" 24 " 26		189.8	189-7	15, 190 15, 550	15,340
	"	190.0	190-0		15,710
	4	190.0	190-0	15,840	16,000
		189.9	190.0	14,180 13,720	14,320
" 31	46	189.9	189-9		13,860

BRITANNIA BAY, ONT.

Location of Gauge.—Staff gauge on breakwater in front of old clubhouse of Britannia boating club.

Records available.—Gauge readings at head of Deschenes rapids, 3rd July, 1901, to 29th December, 1906; a few scattered readings were taken during March, April, and May, 1907, and during May and June (1st to 13th), 1908; 3rd May, 1909, to date.

Foot of Deschenes rapids, 3rd July, 1901, to 30th June, 1905.

OTTAWA RIVER BETWEEN DESCHENES RAPIDS AND OTTAWA CITY.

Gauge readings available.—Baker's bay, weekly readings from 3rd July, 1901, to 1st October, 1905. Skead's mills, 11th October, 1904, to 30th June, 1905. Little Chaudiere falls, weekly readings during 1904. Ottawa waterworks, scattered readings from 25th July, 1901, to 30th June, 1905. Head of Booth's mills, 11th October, 1904, to 30th June, 1905. Head of Eddy's mills, 11th October, 1904, to 30th June, 1905. Bronson's point, scattered readings from 25th July, 1901, to 30th December, 1904; complete for 1905 and 1906.

DISCHARGE MEASUREMENTS of the Ottawa River above Chaudiere Falls, Ottawa.

Date.	Made by	W.S.elevation Britannia Bay gauge.	Discharge in Secft.
1904 Mar. 17-18 May 9-12 June 13 July 4-5 Aug. 1-2	A. McDougall	$189 \cdot 40$ $196 \cdot 70$ $197 \cdot 25$ $194 \cdot 60$ $192 \cdot 20$	11,500 129,450 145,120 78,860 43,520
1905 Aug. 10 Sept. 30	S. B. Johnson J. B. McRae	191·40 191·15	31,450 23,000
1906 Sept. 17 18-19 Mar 18-19	S. B. Johnson	189-90 189-80 189-65	12,200 13,250 14,020
1911 Nov. 16		190-90	19,960
1912. Dec 28-31		191 - 67	33,000
1913 Sept. 15-17 Dec 11-16 " 19-22	A. M. Kirkpatrick H. S. Paterson S. B. Johnson	190 · 72 192 · 65 192 · 27	19,430 42,300 35,750

DISCHARGE MEASUREMENTS of the Ottawa River at Chaudiere Falls.

Date.	Made by	Discharge in Secft.	Remarks.
1905. June 21 July 12 " 14 " 15 " 17 " 20 " 22 " 24 " 25 Aug. 18 " 19 " 19 " 19 " 21 " 21 " 22 " 22 " 22 " 22 " 22 " 22	F. W. Anderson	680 1,090 540 520 970 2,70 2,590 3,720 410 5,080 9,30 9,80 3,500 4,100 540	Waterworks aqueducts. Ottawa Elec. Co. No. 1 head-race. Ottawa Lives triment Co., above mek. Brosson's electric power beine mek. The street of
1996 - Sept. 27 27 Oct. 2 " 27 0ct. 2 " 3 " 5 " 6 " 6 " 6 " 6 " 8 " 8 " 8 " 9 " 10 " 10 " 10 " 10 " 10 " 10 " 10	J. E. Walsh	2,420 1,370 2,100 550 1,260 1,910 1,770 1,760 600 90 480 1,20 1,030 600 600 1,20 1,20 1,030 600 1,103 600 1,20 1,030 1,0	J. R. Booth's mill race. J. R. Booth's pulp mill, mil race. Buchann channel at bulkhead. No. 2 power house at bulkhead. No. 2 power house at bulkhead. J. R. Booth's mill pend. J. R. Booth's mill pend. J. R. Booth's mill race. Bronson's head race. O. E. Ry, power house. Bronson's head race. So. 2 power house, head mee. Bronson's head race. Who. 1 power house, head race. No. 2 power house, head race. O. E. Ry, call race. O. E. Ry, channel from bulkhead Estimate. So. 2 power house, head race. D. R. Booth's saw mill, head race. Buchanan channel. J. R. Booth's saw mill, head race. Buchanan channel. J. R. Booth's saw mill, head race. Buchanan channel. J. R. Booth's saw mill, head race. Buchanan channel. J. R. Booth's saw mill, head race. Buchanan channel. J. R. Booth's saw mill, head race. Buchanan channel.
1908 Dec 16 " 16 " 17 " 17 " 29	S. B. Johnson a a a a	1,880 1,560 4,183 8,970 590	Channel No. 1. " 2 " 4 3. Ottawa Power Co., head race

6 GEORGE V, A. 1916

Monthly Discharge of Ottawa River near Britannia Bay, for 1901 to 1905.

(Drainage area, 34,620 square miles.)

	Γ	ISCHARGE IN	SECOND-FEET	î.	Run	-Off.	Т	Rainfall.
Month.	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage area.	Per cent. of Rainfall.	Tempera- ture.	inches.
1901-02. uly tugust eptember october November ocember anuary ebruary darch	44,290 23,190 15,310 16,200 19,870 20,880 20,340 14,480 49,460	22,100 16,120 11,210 10,260 14,790 13,850 14,560 12,600 12,810	33,350 18,180 12,870 12,000 16,610 17,690 17,080 13,110 30,830	$\begin{array}{c} 0.963 \\ 0.525 \\ 0.371 \\ 0.349 \\ 0.479 \\ 0.511 \\ 0.493 \\ 0.379 \\ 0.891 \end{array}$	1·110 0·605 0·414 0·402 0·535 0·589 0·568 0·395 1·027	33 14 17 21 17 19 20 19 33	69 65 58 49 27 16 10 25 32	3. 4. 2. 1. 3. 3. 2. 2. 2.
The period								
April	73,300 94,140 78,650 65,710 36,550 24,420 25,500 52,250 51,430 47,240 16,420 71,030	56, 780 67, 890 67, 890 38, 460 20, 250 16, 650 19, 000 24, 280 27, 590 13, 820 13, 080 17, 280	68,180 83,310 74,500 47,660 29,580 20,070 22,500 41,660 42,220 20,590 14,110 42,140	1 · 969 2 · 406 2 · 152 1 · 379 0 · 854 0 · 579 0 · 650 1 · 203 1 · 220 0 · 595 0 · 407 1 · 217	2·197 2·774 2·402 1·590 0·985 0·646 0·749 1,343 1·407 0·686 0·424 1·403	122 116 60 29 41 18 19 64 56 36 13	43 52 58 66 61 58 42 35 12 9	1: 44: 55: 2: 3: 4: 2: 2: 1: 3: 1:
The year	94, 140	13,080	42,210	1.219	16.606	48	40	34
1903-04. April May une uly August September Dotober November December anuary February	68, 670 85, 010 72, 880 79, 680 39, 220 27, 780 34, 330 28, 760 18, 860 10, 100 15, 190	58, 410 57, 690 58, 410 39, 360 23, 100 19, 000 24, 960 17, 180 12, 840 10, 100 9, 100 8, 870	63, 960 72, 350 54, 820 50, 760 31, 120 22, 790 29, 470 22, 460 14, 360 11, 640 9, 790 10, 430	1·847 2·090 1·583 1·466 0·899 0·658 0·851 0·649 0·415 0·336 0·283 0·301	2·061 2·410 1·767 1·690 1·037 0·734 0·981 0·724 0·478 0·387 0·305 0·347	229 185 34 40 32 27 49 80 23 15 17	42 556 59 66 60 57 46 29 6 2 1	0 1 5 4 3 2 2 2 0 0 2 2 1 3
The year	85,010	9,100	32,830	0.949	12.921	43	37	29
April. April. May. June. July August. September. October. November. December. January. February. March.	145, 980 88, 650 38, 300 27, 080 47, 390 45, 160 26, 760 21, 790 11, 830	16,560 104,480 94,140 38,300 19,650 19,430 27,570 27,120 19,000 11,680 10,460 9,580	56,714 125,560 123,269 61,710 25,843 21,545 37,960 34,382 23,362 15,517 11,237 11,766	1-638 3-626 3-560 1-783 0-746 0-622 1-096 0-993 0-675 0-448 0-325 0-340	1·828 4·180 3·972 2·055 0·860 0·694 1·263 1·108 0·778 0·516 0·338 0·392	51 116 124 73 24 13 57 85 41 21 21	35 56 62 65 61 52 42 29 5 3 9	33 33 22 33 55 22 11 12 21
The year		9,580	45,739	1.321	17.984	55	37	3:

SESSIONAL PAPER No. 19a

Monthly Discharge of Ottawa River near Britannia Bay, for 1905 to 1910.

	D	ISCHARGE IN S	SECOND-FEET		Run-	OFF.	Tempera-	Rainfall,
Month.	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage area.	Per cent of Rainfall.	ture.	inche,
1905-06. April	51, 620 79, 680 69, 420 42, 820 34, 330 28, 870 31, 260 29, 650 25, 230 32, 300 30, 480 20, 470	25, 270 36, 510 43, 090 29, 650 20, 090 21, 150 18, 260 19, 000 15, 270 14, 870 17, 670 13, 720	40,852 63,509 57,791 34,009 25,698 23,542 22,574 21,372 18,659 20,167 23,176 17,245	1·180 1·835 1·669 0·982 0·742 0·680 0·652 0·617 0·539 0·583 0·669 0·498	1·316 2·115 1·862 1·132 0·855 0·758 0·751 0·688 0·621 0·672 0·696 0·574	101 73 53 25 36 19 29 38 31 29 39	40 53 63 67 63 58 44 28 18 22 14	1·3 2·9 3·5 4·5 2·4 3·9 2·6 1·8 2·3 1·8
The year	79,680	13,720	30,716	0.887	12.040	60	41	30.2
The year. 1906-07. April. June June June June June June June Jun	68,444 98,168 88,216 71,486 26,600 14,200 12,720 14,870 14,950	20,844 65,584 77,210 27,000 13,990 9,940 9,980 11,917 11,940	42,066 85,895 83,566 46,094 19,364 11,540 10,916 13,435 13,329 17,700 18,000	1·215 2·481 2·414 1·331 0·559 0·333 0·315 0·388 0·385 0·222 0·231 0·361	1·355 2·860 2·694 1·534 0·644 0·371 0·363 0·433 0·443 0·256 0·240 0·416	170 179 60 96 28 15 10 17 16 28 14 21	41 52 66 68 69 62 48 31 13 7 5 24	_
	00.400	9,940	29,534	0.853	11-609	44	41	26.6
The year 1908-09. April May June July September October December January February March	153,010 132,930 21,000 22,500	110,636 112,920	\$46,180 132,520 127,910 \$58,880 \$30,690 \$16,170 \$9,510 \$9,510 \$20,630 22,630 22,790	0 · 269 0 · 530 0 · 595	0.619	16 28 19	35 64 69 64 40 33 13 13 14 15 15	4.0 1.0 2.3 1.4 1.4 1.4 1.5 3.3 3.1 3.3 2.2 3.9
The year	1	16,500	41,890	1.209	16 - 450	6	1 3	8 26.8
1 ne year 1909-10. April 1909-10. May June	89,500 158,000 158,000 74,500 62,000 36,000 33,000 41,500 27,500 22,500	23,500 80,000 74,500 43,800 31,500 0 29,500 32,000 0 27,500 0 17,200	59, 296 120, 506 112, 716 57, 646 46, 746 33, 214 31, 144 33, 219 33, 50 24, 19 19, 07 25, 84	3.48 3.25 0 1.66 1.35 0 0.95 0 0.95 0 0.96 0 0.69 0 0.69	1 4·014 3·633 1·918 3 1·564 9 1·079 9 1·03 9 1·07 1·11 9 0·80 0 0·57	8 22 22 3 3 5 0 4 4 6 6 7 7 6 6 6 6 6 6 6 6 6 6 6 6 6 6	9 5 6 7 7 6 6 7 7 7 6 6 7 2 2 6 6 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	0 4.5 1.6 2.4 3.0 2.4 4.4 2.4 4.4 2.4 4.1 1.1 1.1 1.1 1.1
The year	4.50.00		49,78	0 1.43	7 19 - 56	7	35	41 30.1

¹Estimated by subtracting flow of Gatineau and Rideau rivers from Besserer's Grove.

²Record for half month only in June.

³Estimated by subtracting discharge of Gatineau and Rideau from Besserer's.

6 GEORGE V, A. 1916

Monthly Discharge of Ottawa River near Britannia Bay, for 1910 to 1914.

	I	Discharge in	SECOND-FEE	т.	Run	-OFF.		
Month.	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage area.	Per cent of Rainfall.	Tempera- ture.	Rainfall, inches.
1910-11. May. June. July August. September October November December. January February March.	73,000 75,500 70,000 45,000 39,500 28,500 33,500 37,300 39,500 23,000 13,500 12,500	46,500 61,000 45,000 25,600 37,000 20,500 32,500 23,000 13,000 5,300 6,800	65,000 68,490 59,860 33,490 35,330 24,830 27,910 36,140 29,210 16,930 10,830 8,690	1 · 877 1 · 977 1 · 729 0 · 967 1 · 020 0 · 717 0 · 806 1 · 044 0 · 489 0 · 313 0 · 251	2·095 2·279 1·930 1·115 1·176 0·800 0·929 1·165 0·973 0·564 0·326 0·289	150 95 121 59 24 50 28 73 88 30 17	47 53 64 69 65 54 44 31 11 10 10 21	1:4 2:4 1:6 1:9 5:0 1:6 3:3 1:6 1:1 1:9
The year.	75, 500	6,800	34,730	1.003	13 · 641	63	40	25-4
1911-12. May	61,400 106,000 87,300 55,300 22,800 16,000 26,000 29,200 26,850 25,300 19,100	13, 200 65, 100 65, 300 21, 700 18, 700 12, 500 12, 500 16, 200 26, 000 25, 400 18, 600 17, 350	49, 470 90, 030 69, 310 36, 640 20, 870 16, 189 20, 340 27, 950 25, 860 22, 120 18, 399	1-169 2-600 2-002 1-058 0-603 0-467 0-389 0-587 0-807 0-747 0-639 0-531	1·305 2·998 2·234 1·220 0·695 0·521 0·448 0·655 0·930 0·861 0·689 0·612	100 115 62 55 27 20 16 20 52 36 29 68	38 59 59 70 66 55 44 27 25 1 9	1·3 2·6 3·6 2·2 2·6 2·6 2·6 3·3 1·8 3·3 1·9
The year	106,000	12,500	33,460	0.966	13 - 168	46	39	28-5
April May June July August September October November December January February March	62,700 117,300 117,300 61,000 29,625 21,500 32,500 50,300 45,700 30,106 27,800 61,850	14, 250 61,000 63, 575 30,100 21,000 19,500 19,500 31,900 29,525 25,075 22,000 22,560	39, 865 82, 822 90, 898 42, 119 25, 260 20, 567 23, 079 40, (43) 34, 322 28, 173 24, 814 36, 225	1·151 2·392 2·625 1·216 0·730 0·594 0·666 1·157 0·991 0·814 0·717 1·046	1·184 2·758 2·929 1·402 0·842 0·663 0·768 1·291 1·143 0·938 0·746 1·206	60 58 142 49 21 18 26 51 54 27 50 45	36·4 52·6 59·7 66·6 59·5 47·2 46·5 31·9 21·1 17·1 6·1 24·4	1.97 4.77 2.06 2.88 4.08 3.59 2.95 2.95 2.13 3.54 1.48 2.69
The year	117,300	14,250	40,734	1 - 177	15.870	46	39 - 1	34-66
1913-14. May. June July August September October November. December. January February. March.	73,700 114,700 65,300 30,700 24,550 21,500 23,000 41,950 45,700 29,520 21,600 26,700	68,000 67,100 31,900 23,000 18,050 17,600 15,475 22,500 29,520 19,500 19,000 17,600	69, 643 90, 678 49, 755 25, 655 21, 523 19, 772 17, 598 30, 392 38, 948 23, 565 17, 910 20, 059	2-011 2,619 1-437 0-741 0-622 0-572 0-508 0-878 1-125 0-681 0-517 0-579	2·244 3·020 1·604 0·854 0·717 0·638 0·586 0·980 1·297 0·785 0·538 0·688	123 155 125 32 19 24 15 32 70 30 26	42·5 51·4 62·7 67·2 64·9 56·3 47·6 35·7 23·1 10·5 3·5 19·6	1·83 1·95 1·28 2·68 3·75 2·66 3·96 3·96 3·95 1·86 2·62 2·62 2·65 1·66
The year.	114,760	15,475	35,527	1.026	13 - 931	47	40 - 4	29.35

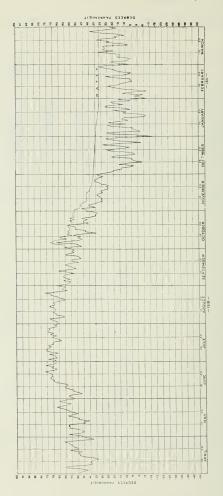
Note—Mean monthly precipitation was computed from 6 rainfall observation stations, viz.: Public Works Departments actions at Quinze darn and Timiskarning; Dominion Meteorological Service at Haileybury, Stonecliff, and Renfrew, and at Ottawa by Wm. T. Ellis, Central Experimental Farm.

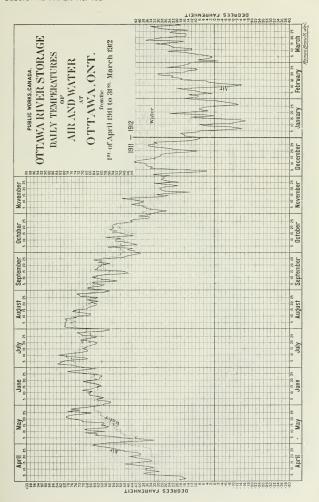
Monthly Discharge of Ottawa River near Britannia Bay for 1914 and 1915.

	I	Discharge in Second-feet.				-OFF.		
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage area.	Per cent. of Rainfall.	Tempera- ture.	Rainfall, inches
April April May June July August September October November December January February March	58,047 74,532 47,394 43,094 17,290 12,420 11,835 13,990 12,420 13,330 15,910	22, 512 47, 394 35, 913 17, 290 11, 300 10, 060 9, 100 8, 750 11, 400 11, 300 11, 300 11, 050	31, 941 64, 645 42, 295 30, 090 13, 409 11, 086 9, 470 10, 063 12, 430 11, 840 11, 735 12, 587	0·922 1·867 1·222 0·869 0·387 0·320 0·274 0·291 0·359 0·342 0·339 0·364	1·029 2·153 1·364 1·002 0·446 0·357 0·316 0·325 0·414 0·394 0·353 0·420	38 224 52 66 20 12 12 11 23 18 20 120	36·4 56·6 60·6 67·0 64·2 56·4 46·5 27·1 13·3 12·3 16·9 23·1	2 · 77 0 · 99 2 · 66 1 · 55 2 · 22 2 · 96 3 · 03 1 · 77 2 · 21 1 · 86 0 · 35
The year	74,532	8,750	21,860	0.631	8 - 573	35	40.0	24.8

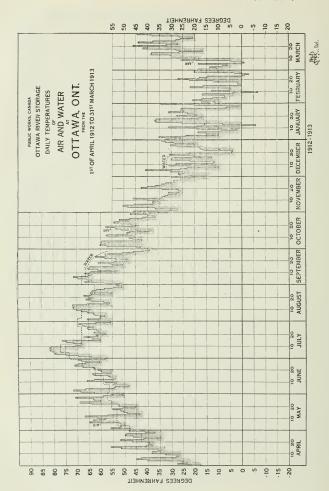
Nore.—Mean monthly precipitation was computed from 7 rainfall observation stations, viz.—Public Works Department stations at Quinze dam and Timiskaming, Dominion Meteorological Service at Haileybury, Rutherglen, Stonecliffe and Raifrew, and at Ottawa, by Winn its Right State Reprimental Farm.

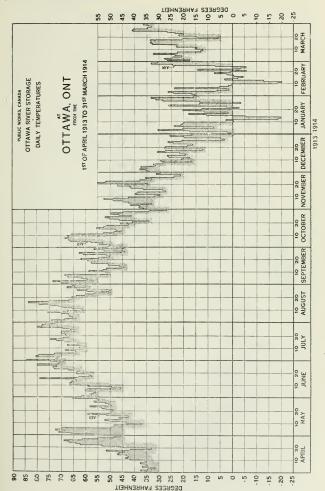
OTTAWA RIVER STORAGE
DAILY TEMPERATURES
OF
AIR AND WATER
OTTAWA
ONT.



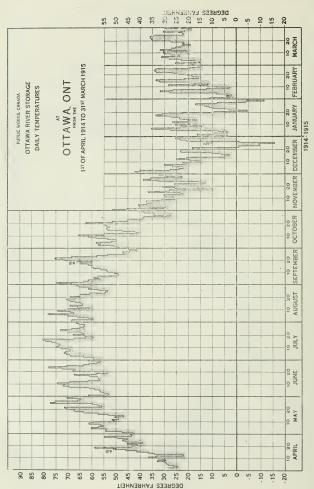


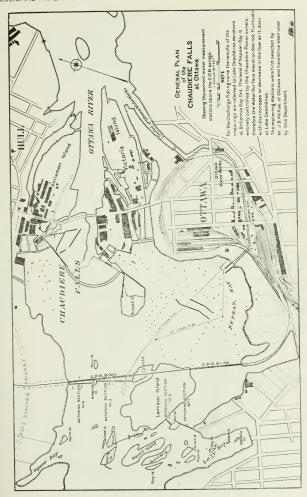
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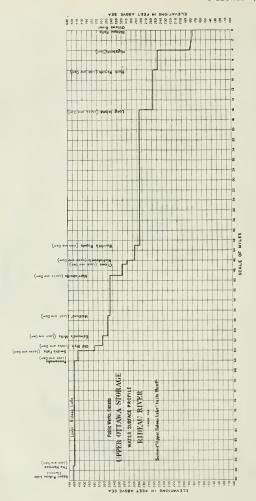


6 GEORGE V, A. 1916





6 GEORGE V, A. 1916



RIDEAU RIVER.

Location of Gauge.—Water surface elevations are secured by measuring down from the base of rail on the Grand Trunk bridge near Hurdman's Bridge P.O.

Records available.—Gauge readings from the 24th March, 1914, to date.

Drainage area.—1,516 square miles.

Discharge measurements.-Made from the Grand Trunk bridge in the summer, and about one-half a mile above in winter.

Discharge curve.—Not yet well defined.

DISCHARGE MEASUREMENTS of the Rideau River.

Date.	Made by	W. S. Elevation.	Discharge in Secft.
1901. April 1	Andrew Bell	187-90	14,300
1905. April 20-2 June 6 Aug. 14	S. B. Johnson. O. Stitt. J. E. Walsh.		2,365 390 705
1908. May 13	D. H. Philp.		9,410
1911. Dec. 15	S. B. Johnson	182 22	590
1912. Jan. 16 Mar. 7 April 9	а а а	182·37 182·42 187·67	430 390 12,670
1913. Jan. 9-10 Dec. 9-10	A. A. Anderson H. Paterson	185-06 182-36	1,570 970
1914. Mar. 5 April 15 Oct. 10	G. M. Brown S. B. Johnson	182-66 183-73 181-73	460 2,960 307
1915. Mar. 25 44 27	G. B. Anderson	184-06 184-26	2,600 2,240

GATINEAU RIVER.

Location of Gauges.—Staff gauge No. 1 at head of falls at Chelsea. gauge No. 2 on pier at foot of island at Chelsea. Bristol recording gauge on pier at foot of island at Chelsea. Records Available.—Gauge No. 1 from 24th October, 1911, to date. Gauge

No. 2 from 12th December, 1899, to date. Drainage Area.—9,130 square miles.

Discharge Measurements.—Made from a launch at Ironsides during the summer, and opposite Gatineau Point village. During the winter, they are made at the head of Paugan Falls, Kirk's Ferry.

Discharge Curve.—Fairly well defined.

Winter Flow.—Discharge relation is affected by ice usually from late in November to early in April.

6 GEORGE V, A. 1916

DISCHARGE MEASUREMENTS of the Gatineau River and Tributaries.

Date.	Made by	W. S. Elevation, Chelsea Upper gauge.	W. S. Elevation, Chelsea Lower gauge.	Discharge in Secft.	
1902. Oct. 14 C	E. Gauvin		204-65	5,240	
1905. May 18 June 10 July 3 " 27	F. W. Anderson		211·35 208·65 206·75 206·25	35, 100 19, 860 11, 560 9, 320	
Sept. 2 Oct. 25 27 Nov. 2	A. L. McLennan J. J. Collins. J. B. McRae.		204 · 85 206 · 55 206 · 65 206 · 05	4,900 10,260 12,550 10,540	
1906. May 15 Oct. 15	S. B. Johnson		210 · 50 204 · 80	32,440 5,580	
1907. May 25 Aug. 29 " 29 " 31	66 66 66		212-85	45,590 3,430 1,990 770	Gens de Terre R. R. Desert at Maniwaki.
1908. May 7 " 12 " 15 Sept. 30	D. H. Philp S. B. Johnson		213 · 15 214 · 45 214 · 70 203 · 95	47, 920 58, 460 63, 540 3, 300	
1909. May 21	"		215-60	65,580	
1911. Jan. 27 Feb. 13 Oct. 25 " 31 Nov. 22	" " W. E. Blue S. B. Johnson	237·15 237·40 238·20	205·15 205·35 204·55 204·75 205·00	4,200 3,030 4,200 545 6,820	R. Desert at Maniwaki.
1912. Jan. 11 Mar. 8 Sept. 30	G. M. Brown W. E. Blue	241·50 237·50 238·48	206·10 204·75 207·94	5,350 4,030 1,060	
1913. Jan. 3-7 Dec. 6	S. B. Johnson H. S. Paterson	239·03 240·63	208 · 49 210 · 59	9,080 14,140	
1914. Mar. 6 Oct. 9 " 15	G. M. Brown S. B. Johnson E. Cox and C. Kelly	238·78 239·36 240·01	207 · 59 207 · 29 207 · 39	3,869 2,400 3,080	
1915.	G. B. Anderson .	239-91	207 - 14	3,870	

Monthly Discharge of Gatineau River below Chelsea for 1900 to 1904.

Drainage area, 9,000 square miles.)

	D	ISCHARGE IN	SECOND-FEET.		Rtn-	OFF.	Tempera- ture.	Rainfall, inches.
Month.	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent of Rainfall.		
1900-01. April. May June July. August September October November December January February March	44.300 41,300 21,600 13,500 14,900 12,300 19,300 14,900 14,900 9,600 9,600 8.750	7,260 20,900 10,560 24,800 7,400 6,600 10,100 9,650 8,300 8,200 8,250 6,750	20,182 28,553 15,800 20,765 11,137 9,130 13,210 11,895 11,574 8,710 8,829 7,611	$\begin{array}{c} 2 \cdot 24 \\ 3 \cdot 17 \\ 1 \cdot 76 \\ 2 \cdot 31 \\ 1 \cdot 23 \\ 1 \cdot 02 \\ 1 \cdot 47 \\ 1 \cdot 32 \\ 1 \cdot 29 \\ 0 \cdot 97 \\ 0 \cdot 98 \\ 0 \cdot 85 \end{array}$	2·50 3·66 1·96 2·66 1·42 1·14 1·69 1·47 1·12 1·02 0·98	329 122 61 44 52 32 117 42 93 34 128 45	44·4 53·3 66·6 68·9 69·2 60·7 53·7 33·3 11·7 11·3 24·3	0·76 3·00 3·21 5·99 2·72 3·56 1·45 3·50 1·60 2·20
The year	44,300	6,600	13,950	1.55	21 · 11	66	42.9	32 · 10
April	41,300 42,250 23,900 12,250 8,400 6,800 7,450 5,900 13,660 11,400 8,200 23,300	7,900 19,900 12,860 7,100 6,300 4,600 4,600 5,100 5,400 8,100 6,800 6,350	24,878 31,434 18,910 8,958 7,223 5,383 6,005 5,390 8,936 9,110 7,689 11,710	2·76 3·49 2·10 1·00 0·80 0·60 0·67 0·60 0·99 1·01 0·85 1·30	3·08 4·02 2·34 1·15 0·92 0·67 0·77 0·67 1·14 1·16 0·88 1·50	103 103 62 36 28 35 53 30 26 30 31	46·4 57·2 67·5 71·8 68·3 60·7 47·8 28·1 18·5 11·8 16·0 34·2	2 · 99 3 · 91 3 · 76 3 · 18 3 · 23 1 · 91 1 · 45 2 · 25 4 · 32 3 · 90 2 · 83 3 · 42
The year	42,250	4,600	12,155	1.35	18.30	42	44.0	37 - 20
April 1902-03. April 1902-03. May June July August September. October. November. December. January. February. March.	30,100 36,200 25,500 18,800 7,400 9,900 15,600 10,100 8,700 23,200	24,300 21,600 18,800 11,000 7,400 4,800 4,600 10,000 8,400 7,900 7,900 8,200	27, 723 28, 839 23, 070 15, 165 9, 085 5, 707 6, 442 12, 547 10, 942 8, 771 8, 200 14, 500	3 · 08 3 · 20 2 · 56 1 · 66 1 · 01 0 · 63 0 · 72 1 · 39 1 · 22 0 · 97 0 · 91	3 · 44 3 · 69 2 · 86 1 · 91 1 · 16 0 · 70 0 · 83 1 · 55 1 · 41 1 · 12 0 · 95 1 · 86	126 203 67 32 70 57 25 106 43 40 22 138	45·2 53·8 60·6 68·9 65·2 60·7 43·8 36·8 14·7 11·8 18·2 24·4	2.7. 1.8: 4.2: 5.9: 1.6: 1.2: 3.3 1.4: 3.2: 2.8: 4.2: 1.3
The year.	36,200	4,600	14,266	1.58	21.48	. 63	42.8	34-1
April. May June July August September. October November. December January February (29 days) March	28, 200 31, 500 25, 500 20, 900 14, 400 15, 300 11, 700 7, 900 9, 000	12,000 7,000 7,400 7,600 9,300	24,500 27,129 21,383 16,158 11,952 10,890 13,706 8,987 7,577 8,190 9,872 9,429	2·72 3·01 2·37 1·80 1·33 1·21 1·52 1·00 0·84 0·91 1·10	3.04 3.47 2.64 2.08 1.53 1.75 1.75 1.12 0.97 1.05	320 2,892 40 64 38 63 50 164 49 27 37 26	44·1 59·2 62·8 68·5 62·4 57·9 48·9 31·2 11·5 4·9 6·1	6.5 3.2 4.0 2.1 3.5 0.6 1.9 3.5 4.6
The year	04 800		14,146	1.57	21 - 40	62	40 - 1	34-8

6 GEORGE V, A. 1916

Monthly Discharge of Gatineau River below Chelsea for 1904 to 1908.

	I	DISCHARGE IN	Second-feet	r.	Run-off.			
Month.	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent of Rainfall.	Tempera- ture.	Rainfall, inches.
1904-05.	83, 400	11.000	01.000	0.00	0.00		no o	
April May June July August September October November December January February March	31,400 59,000 41,700 21,400 14,400 17,200 15,900 11,700 8,300 9,300 10,200 11,400	11,900 38,900 22,500 11,900 9,600 8,400 11,700 7,300 7,700 9,100 8,400	21, 003 48, 335 31, 157 16, 135 12, 119 11, 420 13, 861 8, 923 7, 568 8, 422 9, 732 9, 477	2·33 5·37 3·46 1·79 1·35 1·27 1·54 0·99 0·84 0·94 1·08	2 · 60 6 · 19 3 · 86 2 · 06 1 · 56 1 · 42 1 · 78 1 · 10 0 · 97 1 · 08 1 · 12 1 · 21	69 196 154 56 54 28 127 121 51 33 81	38·8 59·9 65·3 68·3 64·7 54·8 44·2 29·8 8·9 7·4 9·6 24·0	3·77 3·16 2·51 3·71 2·91 5·09 1·40 0·91 1·89 3·29 1·48 1·20
The year	59,000	7,300	16,551	1.84	24.95	80	39 - 6	31.32
1905-06. April. May. June July August September October November December January February March	13,700 32,900 26,800 13,500 10,000 5,900 11,900 10,400 7,400 12,200 12,600 9,200	11,460 15,500 13,600 10,000 5,700 5,300 5,700 6,500 5,900 7,700 6,300	12,413 28,119 18,947 11,384 7,245 5,613 8,216 7,970 6,568 7,961 9,957 7,194	1·38 3·12 2·10 1·26 0·80 0·62 0·91 0·88 0·73 0·88 1·11 0·80	1 · 54 3 · 60 2 · 34 1 · 45 0 · 92 0 · 69 1 · 05 0 · 98 0 · 84 1 · 01 1 · 16 0 · 92	162 217 55 35 30 29 44 56 - 36 81 45 43	41 · 8 54 · 7 65 · 2 70 · 0 66 · 6 59 · 8 46 · 5 31 · 6 21 · 6 20 · 8 15 · 8 22 · 7	0.95 1.66 4.23 4.10 3.10 2.35 2.40 1.74 2.33 1.25 2.58 2.15
The year	32,900	5,300	10,971	1.22	16.50	57	43.1	28.84
1906-07 May June July August September October November December January February March	22,500 30,100 24,800 16,200 5,900 6,000 7,600 6,900 5,200 4,200 4,700 6,300	7,600 21,600 16,600 5,800 5,000 5,200 5,300 4,200 3,300 4,200 4,200	13, 407 27, 039 20, 790 8, 981 5, 384 5, 523 6, 084 5, 563 4, 500 3, 900 4, 600 5, 000	1·49 3·00 2·31 1·00 0·60 0·61 0·68 0·62 0·50 0·43 0·51 0·56	1 · 66 3 · 46 2 · 58 1 · 15 0 · 69 0 · 68 0 · 78 0 · 69 0 · 58 0 · 50 0 · 53 0 · 65	191 216 55 67 42 29 23 47 22 26 39 27	43·2 53·9 67·1 70·5 71·6 62·4 46·8 32·3 12·5 10·6 7·9 27·0	0·87 1·60 4·73 1·72 1·66 2·37 3·36 1·48 2·59 1·89 1·37 2·38
The year	30,100	3,300	9, 231	1.03	13.95	65	42.2	26.02
1907-08. May June July August September October November December January February March	14,400 41,700 29,900 23,900 15,500 11,100 10,700 10,500 8,400 9,100 16,000 22,800	7,600 15,500 24,300 15,500 10,500 10,500 10,500 9,300 8,000 8,200 9,100 15,700	10,367 28,452 27,527 19,281 12,084 10,610 10,594 10,070 8,300 8,700 10,800 19,600	1·15 3·16 3·06 2·14 1·34 1·98 1·18 1·12 0·92 0·97 1·20	1 · 28 3 · 64 3 · 41 2 · 47 1 · 55 2 · 21 1 · 36 1 · 25 1 · 06 1 · 12 1 · 24 2 · 43	45 255 138 76 221 57 45 29 22 47 30 65	36·5 48·9 67·2 69·3 64·4 58·1 42·8 33·0 23·2 11·7 10·9 24·3	2·85 1·43 2·47 3·23 0·70 3·90 3·05 4·28 4·74 2·40 4·33 3·72
The year	41,700	7,600	14,664	1.69	23 - 02	62	40.9	37 - 10

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Monthly Discharge of Gatineau River below Chelsea for 1908 to 1912.

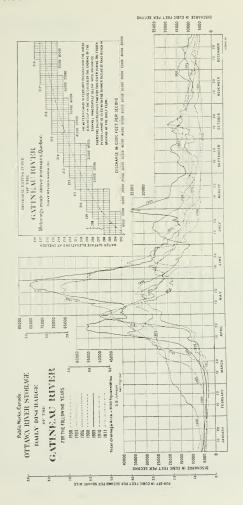
	I	DISCHARGE IN	SECOND-FEET		Run-off.		- Tempera- ture.	Rainfall, inches.
Montth.	Maximum.	Minimum.	Minimum. Mean.		Depth in inches on Drainage Area.	Per cent of Rainfall.		
1908-09. May July July August. September October. November December January. February. March.	43, 250 63, 520 54, 020 15, 850 8, 640 3, 150 3, 175 4, 770 8, 040 4, 730 640 780	23,750 43,400 19,950 9,200 4,300 2,250 2,250 3,410 4,520 2,250 1,180	33,300 54,940 37,330 12,560 5,490 2,910 2,850 4,080 6,000 3,600 1,920 3,330	3·700 6·104 4·147 1·396 0·610 0·323 0·316 0·453 0·667 0·400 0·213 0·370	4·129 7·037 4·628 1·609 0·703 0·364 0·505 0·769 0·461 0·221 0·426	240 132 367 61 49 30 15 19 20 14 7	36·6 57·9 66·2 71·9 66·7 63·1 48·9 33·8 14·9 13·7 16·3 24·8	1 · 72 5 · 34 1 · 26 2 · 63 1 · 43 1 · 18 2 · 40 2 · 64 3 · 93 3 · 36 3 · 07 3 · 62
The year	63,520	1,180	14,026	1.558	21.212	80	42.9	32.58
April	54,020 76,000 68,150 34,700 32,100 17,040 16,580 8,950 10,300 6,040 3,465 14,227	12, 460 37, 460 20, 990 12, 700 10, 380 10, 380 8, 950 6, 930 6, 040 3, 718 2, 510 2, 440	36,237 56,691 35,851 19,248 18,923 13,460 12,616 7,973 8,682 4,468 3,196 5,576	4·027 6·299 3·983 2·139 2·102 1·496 0·886 0·964 0·497 0·356 0·620	4 · 494 7 · 262 4 · 445 2 · 466 2 · 423 1 · 669 1 · 616 0 · 988 1 · 111 0 · 573 0 · 370 0 · 714	116 122 188 49 79 55 143 26 62 14 16	37-2 52-9 63-9 66-2 65-7 56-8 44-7 35-4 19-0 17-7 13-2 33-2	3-86 5-97 2-37 5-06 3-06 3-06 1-13 3-86 1-80 3-40 2-33 1-98
The year	76,C00	2,440	18,577	2,064	21-131	76	42.1	37-88
1910-11. May June July August September October. November December January February March.	47,640 27,100 14,360 10,020 11,900 17,040 9,660 6,155 4,081	21,770 16,580 11,780 7,550 6,620 6,310 6,465 6,310 3,680 3,247 2,638 2,445	32, 910 27, 110 20, 250 10, 320 7, 590 10, 440 11, 410 8, 310 5, 020 3, 950 3, 110 2, 720	3 · 657 3 · 012 2 · 250 1 · 147 0 · 843 1 · 160 0 · 923 0 · 558 0 · 439 0 · 346 0 · 302	4·081 3·472 2·511 1·329 0·971 1·294 1·462 1·030 0·643 0·506 0·306 0·348	188 193 183 52 22 66 36 36 52 35 28 13	47·5 53·8 64·0 69·2 66·2 54·8 46·5 32·1 11·9 11·2 12·1	2·17 1·80 1·37 2·58 4·39 1·96 4·07 1·99 1·82 2·74
The year	47,640	2,445	11,928	1.325	18.007	62	40.9	29-14
1911-12. May June July August September October November December January February March.	49,920 33,990 16,300 13,480 6,900 4,850 6,900 8,635 6,555	3,760 31,070 17,450 7,830 6,280 4,850 3,760 4,440 2,410 5,150 2,350 2,015	14, 110 38, 620 28, 650 11, 240 8, 720 5, 440 4, 520 5, 260 6, 610 5, 170 2, 950 2, 430	1·568 4·291 3·183 1·249 0·969 0·604 0·502 0·584 0·734 0·574 0·328 0·270	1·750 4·947 3·552 1·440 1·117 0·674 0·652 0·846 0·662 0·334 0·311	1·19 1·77 0·98 0·52 0·76 0·23 0·28 0·22 0·31 0·25 0·12	39·2 62·9 64·6 71·4 70·3 56·9 47·0 30·4 26·1 9·1 11·2	1.44 2.8(8 3.66 2.79 1.44 2.9(2.11 2.94 2.66 3.00
The year		2,015	11,143	1.237	16.884	0.56	42.3	29 - 9

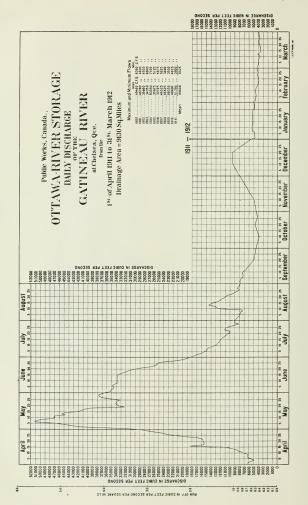
6 GEORGE V, A. 1916

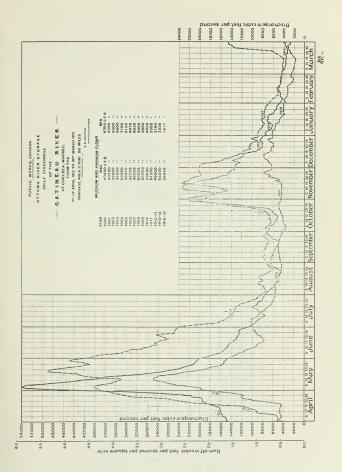
Monthly Discharge of Gatineau River below Chelsea for 1912-1915.

	ı	Discharge in	Second-fee	T.	Run-off.			
Month.	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage area.	of Rainfall. Per cent.	Tempera- ture. on	Rainfall, inches.
1912-13. April May June July August September October November December January February March	38, 900 49, 000 40, 650 23, 050 8, 850 7, 850 20, 400 23, 250 13, 800 8, 850 5, 510 14, 630	5,000 35,000 24,350 8,500 6,050 6,800 6,350 13,225 8,625 5,800 3,496 3,160	18, 347 41, 760 29, 593 13, 671 7, 628 7, 445 9, 947 18, 257 11, 244 7, 684 4, 038 6, 444	2·010 4·574 3·241 1,497 0·835 1·089 2·060 1·232 0·842 0·442 0·706	$\begin{array}{c} 2\cdot 243\\ 5\cdot 274\\ 3\cdot 617\\ 1\cdot 726\\ 0\cdot 963\\ 0\cdot 910\\ 1\cdot 256\\ 2\cdot 232\\ 1\cdot 420\\ 0\cdot 971\\ 0\cdot 460\\ 0\cdot 814\\ \end{array}$	80 102 268 44 20 23 51 71 41 25 25 21	38·5 55·1 61·1 67·9 61·0 58·0 49·0 34·7 22·2 17·8 0·5 23·6	2·80 5·15 1·35 3·89 4·94 4·01 2·47 3·13 3·47 3·94
The year	49,000	3,160	14,718	1.612	21.886	54	40.8	40.90
1913-14. April. May June July August September October November December Junuary February March.	42,860 54,000 19,550 10,250 7,550 7,100 22,300 23,550 20,050 7,600 5,300 4,330	14,850 20,300 10,775 7,700 4,500 4,750 5,125 14,800 7,550 4,860 4,130 3,330	19, 753 33, 905 14, 215 8, 730 5, 698 6, 073 9, 224 20, 212 11, 720 7, 469 7, 159 5, 673	2·163 3·714 1·557 0·956 0·624 0·665 1·010 2·213 1·284 0·818 0·784 0·621	2·414 4·282 1·738 1·102 0·719 0·742 1·165 2·470 1·480 0·943 0·816 0·716	139 202 155 40 23 29 30 76 81 28 59	35·6 55·0 60·6 67·2 63·0 58·4 47·0 27·5 9·4 13·5 16·4 22·0	1·74 2·12 1·12 2·73 3·13 2·59 3·91 3·24 1·82 3·35 1·38 1·63
The year	54,000	3,330	12,501	1.369	18 - 587	65	39.6	28 - 76
1914-15. May June July August September October November December July Mugust March March	18,652 28,840 14,108 10,156 5,832 4,992 7,906 7,906 6,182 3,953 3,200	4,432 14,528 7,736 5,552 4,432 4,152 3,592 4,432 5,950 3,790 2,076 1,617	7,846 21,565 9,950 7,897 4,997 4,789 4,325 5,380 6,698 4,835 3,016 2,372	0·859 2·362 1·090 0·865 0·547 0·524 0·474 0·589 0·734 0·530 0·330 0·260	0·959 2·723 1·216 0·997 0·631 0·585 0·547 0·657 0·846 0·611 0·344 0·300	47 495 48 29 31 23 24 22 34 24 24 16	35·5 55·0 60·6 67·2 63·0 57·0 27·0 9·5 11·9 16·4 22·0	2·05 0·55 2·56 3·43 2·03 2·57 2·24 3·07 2·48 2·54 2·54 2·20 0·48
The year	28,840	1,617	7,005	0.767	10 · 416	39	39-3	26 - 29

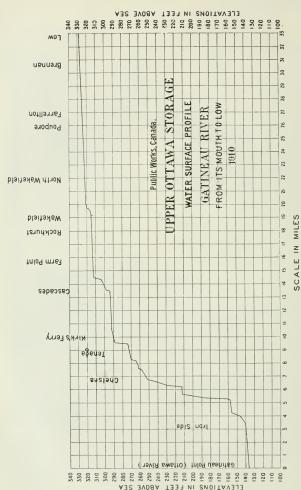
Note.-Mean of Bark Lake and Ottawa, taken from 1st Nov., 1912, for to nperature and rainfall.







19a - 12



OTTAWA RIVER, BELOW OTTAWA.

Location of Gauge.—Staff gauge at foot of the Rideau locks.

Records Available.—Readings have been taken from this gauge by the Department of Railways and Canals since the year 1844. These are all available with the exception of the years 1847, 1848, and 1849, records for these years having been destroyed by fire.

 $\label{eq:Drainage Area.} \textit{--}45,\!470 \text{ square miles, including Gatineau and Rideau rivers.}$

Discharge Measurements.—These have been made since the year 1905, at Besserer's Grove, 9 miles below Ottawa. During extreme high water, the country on the Quebee side of the river is flooded for about a quarter of a mile back. The movement of this mass of water is so slow that it cannot be metered, thus rendering the high-water measurements, to a small degree, unreliable. New sections were chosen, in the spring of 1915, at Kettle island, opposite the rifle range. These are apparently quite suitable at high water, but during low water the section on the north side of the island will probably be useless owing to slack water.

Discharge Curve.—During certain periods of the year, the north shore tributaries of the Ottawa river yield a greater rate of flow per square mile of their drainage area than does the Ottawa river itself. This is inclined to retard the flow of the Ottawa while the basin, Ottawa-Grenville, is filling up, causing the relation between the gauge readings at the Rideau locks and the flow to vary. The discharge curve is fairly reliable during the greater part of the year.

Winter Flow.—Discharge relation affected by ice.

6 GEORGE V, A. 1916

DISCHARGE MEASUREMENTS of the Ottawa River at Besserer's Grove.

Date.	Made by	W. S. Elevation at Rideau Locks.	Discharge in Secft.
1904. June 13	A, McDougail	145.70	1182,000
1905. May 8 " 17 June 12-13 July 4 " 28 Sept. 6 Oct. 28	F. W. Anderson	136 · 85 139 · 55 136 · 35 133 · 55 132 · 30 129 · 95 131 · 45	74, 530 116, 000 81, 980 54, 390 48, 470 25, 540 37, 690
1906. May 17 Sept. 11 " 12 Oct. 13	S. B. Johnson. All. Tamm	140 · 20 128 · 40 128 · 35 128 · 70	122,270 18,750 17,620 15,600
1907. May 23	S. B. Johnson	142 - 10	142,470
1908. May 6 " 11 " 14 Oct. 3	S. B. Johnson D. H. Philp S. B. Johnson	144.05 145.95 146.95 127.60	160, 430 185, 720 198, 660 14, 610
1909. May 20	S. B. Johnson	147-55	217, 200
1910. May 6	S. B. Johnson	139-95	115,550
1911. Jan. 25–26 Feb. 15	S. B. Johnson	129·85 129·60	19,150 16,360
1912. Jan. 10 Mar. 6 Aug. 30	S. B. Johnson. G. M. Brown. W. E. Blue	132 · 20 130 · 37 131 · 04	31,490 21,770 30,900
1913. Mar. 7 Sept. 12 Dec. 4	S. B. Johnson. A. M. Kirkpatrick. S. B. Johnson.	132·79 129·20 134·45	35, 240 24, 990 63, 980
1914. Jan. 15 Mar. 3 " 23-24 Oct. 7 " 13	G. M. Brown. S. B. Johnson S. B. Johnson S. B. G. Kelly	131-87 131-45 131-54 127-20 127-45	31, 880 27, 850 24, 520 11, 720 13, 080

¹Estimated.

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Monthly Discharge of Ottawa River near Besserer's Grove for 1866 to 1870.

D	SISCHARGE IN	Second-feet.		Run-	-OFF.		
Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent of Rainfall.	Tempera- ture.	Rainfall inches.
147,000 147,000 104,000 84,000 52,000 54,200 58,000 102,000 90,500 68,000 44,500 33,500	24,000 100,000 84,000 52,000 34,500 33,500 44,500 42,800 75,400 51,000 36,500 28,500	76,000 117,000 98,800 70,700 43,600 46,300 50,800 71,300 79,400 39,000 31,300	1·671 2·573 2·173 2·173 1·555 0·959 1·018 1·117 1·568 1·746 1·306 0·857 0·688	1·865 2·967 2·425 1·793 1·106 1·136 1·288 1·750 2·013 1·506 0·892 0·793	57 96 81 39 38 19 64 31 63 100 59 66	43 48 62 72 60 53 48 34 16 7	3-3 3-1 3-0 4-6 2-9 5-9 2-0 5-6 3-2 1-5 1-5
147,000	24,000	65,300	1.436	19.534	52	40-3	37.8
86,000 167,000 171,500 100,000 65,500 77,500 69,500 38,500 31,500 26,000 20,800 38,300	40,000 102,000 130,000 69,500 37,000 26,000 28,300 24,200 25,000 22,800 17,400 16,500	59,200 141,600 150,000 81,300 50,000 44,500 44,100 31,200 29,100 24,500 18,800 24,100	1·302 3·114 3·299 1·788 1·099 0·979 0·969 0·686 0·639 0·539 0·411 0·529	1 · 453 3 · 590 3 · 682 2 · 062 1 · 267 1 · 093 1 · 117 0 · 766 0 · 737 0 · 621 0 · 443 0 · 610	30 92 184 206 42 34 45 33 57 52 28 61	36 45 67 69 56 48 30 6 8 18 28	4 - 8 3 - 9 2 - 0 1 - 0 3 - 2 2 - 5 2 - 5 1 - 6 1 - 1 1 - 1
171,500	16,500	76, 200	1.676	17-441	63		27 - 8
50,000 114,000 98,000 53,000 57,000 19,500 23,500 29,500 19,400 15,800 12,800 13,000	42,500 70,000 63,000 30,000 22,500 15,500 18,000 27,500 16,200 15,500 12,000	48,800 93,400 82,000 40,100 44,200 17,600 20,800 28,200 17,900 15,700 12,700 12,500	1.073 2.054 1.803 0.882 0.972 0.387 0.457 0.620 0.394 0.345 0.279	1·197 2·368 2·012 1·017 1·121 0·432 0·527 0·692 0·455 0·398 0·290 0·608	149 169 201 85 47 27 44 36 21 15 7	36 555 62 73 65 52 39 29 10 16 11	0 · 1 1 · 1 1 · 1 2 · 1 1 · 1 2 · 2 2 · 4 4 · 2
114,000	12,000	36, 200	0.796	11-117	53	38-	8 20 -
132,000 18,500 144,500 98,000 65,800 77,600 69,500 41,700 33,000 36,200 35,500 30,000	22,500 136,000 99,500 60,000 52,000 56,200 38,500 37,000 29,300 27,800 29,800 25,700	68,000 167,500 122,000 78,000 58,500 66,500 53,500 39,500 31,000 31,600 32,300 27,800	1·495 3·683 2·683 1·715 1·286 1·462 1·176 0·868 0·681 0·696 0·710	1 · 668 4 · 246 2 · 994 1 · 977 3 · 460 1 · 632 1 · 336 0 · 969 0 · 785 0 · 802 0 · 739 1 · 444	152 193 40 124 115 23 68 35 30 23 35 72	45 50 57 65 62 60 41 27 19 15 11	1. 2. 7. 1. 3. 7. 2. 2. 2. 2. 3.
	Maximum. 147,000 147,000 147,000 147,000 181,000 182,000 32,000 32,000 34,200 34,200 34,200 34,200 35,500 171,500 171,500 175,500 177	Maximum. Minimum. 147, 000 24, 000 141, 000 100, 000 141, 000 100, 000 141, 000 100, 000 141, 000 100, 000 141, 000 100, 000 141, 000 100, 000 141, 000 100, 000 141, 000 100, 000 141, 000 100, 000 141, 000 100, 000 141, 000 100, 000 141, 000 100, 000 167, 000 100, 000 167, 000 100, 000 167, 000 100, 000 171, 500 110, 500 171, 500 110	Maximum. Minimum. Mean. 147,000 24,000 776,000 147,000 100,000 117,000 147,000 100,000 117,000 148,000 52,000 70,700 154,000 33,500 46,300 154,200 43,500 46,300 154,200 42,800 70,700 154,200 43,500 46,300 154,200 42,800 75,400 154,200 42,800 75,400 155,000 150,000 55,400 147,500 150,000 150,400 147,500 150,000 150,400 157,500 150,000 150,400 157,500 150,000 150,000 157,500 150,000 150,000 157,500 150,000 150,000 157,500 150,000 150,000 157,500 150,000 150,000 157,500 150,000 150,000 157,500 150,000 150,000 157,500 150,000 150,000 157,500 150,000 150,000 157,500 150,000 150,000 157,500 150,000 150,000 157,500 150,000 150,000 157,500 150,000 150,000 157,500 150,000 150,000 157,500 150,000 150,000 150,500 170,400 150,500 150,500 170,400 150,500 150,500 170,400 150,500 150,500 170,400 150,500 150,500 170,400 150,500 150,500 170,400 150,500 150,500 170,500 150,500 150,500 170,500 150,500 170,500 150,500 150,500 170,500 150,500 170,5	Maximum. Minimum. Mean. square mile: 147,000 24,000 76,000 1.471 117,000 24,000 76,000 1.471 114,000 84,000 98,500 2.473 84,000 84,000 98,500 2.273 84,000 34,600 43,600 0.959 84,000 34,500 43,600 0.959 84,000 42,500 71,300 1.568 90,500 75,400 79,400 1.746 65,000 42,500 50,500 1.1746 65,000 51,600 59,500 1.29,900 147,000 24,000 65,300 1.439 86,000 40,600 59,200 1.302 167,000 102,000 141,600 3.114 103,500 37,000 50,000 1.09 167,000 102,000 65,300 1.302 167,000 102,000 34,100 0.65 167,000 102,000 50,000	Maximum. Minimum. Mean. Per minles Daysth in inches Minimum. Mean. Square mile. Minimum. Mean. Square mile. Minimum. Mean. Minimum. Minimum	Maximum. Minimum. Mean. Per adjuste Drainage Per cent of families Per cent of	Maximum. Minimum. Mean. Square mile. Depth in inches of Rainfall. Per cent of Rainfall. Per cent of Rainfall.

The mean for the month of August for 47 years.

6 GEORGE V, A. 1916
Monthly Discharge of Ottawa River near Besserer's Grove for 1870 to 1874.

1	DISCHARGE IN	SECOND-FEET		Run	-OFF.		
Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent of Rainfall.	Tempera- ture.	Rainfall, inches.
198,500 192,000 79,000 41,400 30,000 19,800 27,700 45,100 31,600 26,000 22,200 51,800	41,800 81,000 91,700 30,700 19,800 16,000 13,800 30,700 24,300 22,800 20,300 21,500	112,500 135,600 59,400 24,600 17,800 20,300 37,700 27,500 24,400 21,200 34,000	$\begin{array}{c} 2\cdot 474 \\ 2\cdot 982 \\ 1\cdot 306 \\ 0\cdot 791 \\ 0\cdot 541 \\ 0\cdot 391 \\ 0\cdot 446 \\ 0\cdot 829 \\ 0\cdot 605 \\ 0\cdot 536 \\ 0\cdot 466 \\ 0\cdot 747 \\ \end{array}$	2·761 3·438 1·457 0·912 0·624 0·514 0·925 0·698 0·618 0·485 0·861	172 312 81 38 31 17 13 62 26 28 22 32	43 60 72 71 66 59 49 33 19 3 12	1 · 6 1 · 1 1 · 8 2 · 4 2 · 0 2 · 5 2 · 5 2 · 7 2 · 2 2 · 2 2 · 2 2 · 2
198,500	13,800	45,900	1.009	13 - 721	51	43-1	26.7
130,700 170,500 119,500 65,500 40,000 21,000 22,400 27,300 19,300 17,000 14,300 12,000	53, 300 127, 500 69, 560 42, 500 26, 000 12, 800 24, 300 24, 300 10, 500 15, 000 12, 000 9, 600	88,000 148,800 93,000 54,000 31,300 19,800 17,300 25,600 15,000 16,000 10,760	1·935 3·272 2·045 1·187 0·688 0·435 0·380 0·563 0·329 0·352 0·285 0·235	2 · 159 3 · 773 2 · 282 1 · 369 0 · 793 0 · 485 0 · 439 0 · 628 0 · 379 0 · 406 0 · 308 0 · 271	74 343 79 35 72 44 34 17 10 34 24 34	41 56 62 64 65 53 47 24 9 14	2-9 1-1 2-9 3-9 1-1 1-3 3-7 3-7 1-2 1-3
170,500	9,600	44,400	0.976	13 - 292	53	38.8	25.0
59,500 161,300 142,000 71,700 41,300 47,000 53,300 27,300 27,000 25,700 24,500	18,200 78,700 74,000 43,500 25,600 25,600 43,500 38,000 24,200 21,400 21,700 19,400	37, 000 119,000 106,500 57,000 33,000 48,500 46,000 25,500 24,300 23,700 22,000	0·814 2·617 2·342 1·253 0·725 0·792 1·066 1·012 0·561 0·534 ·521 0·484	0·908 3·017 2·614 1·445 0·836 0·884 1·229 0·647 0·616 0·542 0·558	101 72 73 28 23 24 37 103 32 27 26	38 555 70 73 72 62 49 33 10 8 12 20	0 · 9 4 · 2 3 · 6 3 · 7 3 · 3 1 · 1 2 · 0 2 · 3 3 · 3 3 3 · 3 3 ·
161,300	18, 200	48,200	1.059	14-425	41	41.8	35-3
123, C00 195, 000 189, 500 85, 000 49, 300 30, 700 55, 000 60, 200 42, 700 38, C00 33, 800	40,000 109,000 87,500 54,000 30,000 23,500 31,700 52,000 33,000 29,800 27,000	76,000 152,000 137,000 68,500 39,500 27,000 43,000 56,200 38,000 33,560 30,500	1.671 3.343 3.013 1.506 0.868 0.594 0.946 1.236 0.737 0.737	1·865 3·854 3·363 1·736 1·001 0·663 1·091 1·379 0·964 0·850 0·699	13 30	40 11 10	1-9
	198,500 192,000 193,000 194,000 19,800 22,700 41,000 21,900 198,500	198, 500	198,500 41,800 112,500 192,000 31,000 133,600 194,400 30,700 36,600 30,000 119,800 21,600 19,800 116,000 17,800 31,000 30,700 37,700 31,600 22,300 22,400 22,200 22,300 21,300 198,500 13,800 45,900 198,500 13,800 45,900 198,500 13,800 45,900 109,500 127,500 148,800 170,500 198,500 148,800 170,500 198,500 148,800 170,500 198,500 148,800 170,500 198,500 148,800 170,500 198,500 148,800 170,500 198,500 148,800 170,500 198,500 148,800 170,500 198,500 148,800 170,500 198,500 148,800 170,500 198,500 148,800 170,500 198,500 148,800 170,500 198,500 148,800 170,500 198,500 188,500 188,500 170,500 188,500 188,500 188,500 170,500 188,500 37,600 170,500 188,500 38,500 170,500 38,500 38,500 170,500 38,500 38,500 170,500 38,500 38,500	Maximum. Minimum. Mean. square mile.	Maximum. Minimum. Mean. Per mile. Inches	Maximum. Minimum. Mean. Square mille. Drainage National Nationa	Maximum. Minimum. Mean. Per square Depth in Drainage Area. Minimum. Mean. Per square Drainage Area. Minimum. Mean. Per square Drainage Area. Minimum. Mean. Per square Minimum. Per square Pe

SESSIONAL PAPER No. 19a
Monthly Discharge of Ottawa River near Besserer's Grove for 1874 to 1878.

		DISCHARGE IN	SECOND-FEE	T.	Ru	N-OFF.	Tempera-	Rainfall,
Month.	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drianage Area.	Per cent. of Rainfall.	ture.	inches.
1874-75. April. May. June. July August September. October November December. January	53,500 165,800 168,500 126,300 52,000 24,300 27,600 27,700 18,800	39,500 147,600 132,000 63,000 26,000 16,800 17,300 17,300 15,500	46,000 100,000 149,500 92,00 38,500 18,300 22,200 22,300 17,000	1.012 2.119 3.288 2.034 0.847 0.402 0.488 0.490 0.374	1·129 2·443 3·669 2·345 0·977 0·449 0·563 0·547 0·431	81 136 193 213 81 21 23 23 23 14	30 59 67 71 69 62 49 26 11 3 4	1·4 1·8 1·9 1·1 1·2 2·1 2·4 3·0 3·8 2·0 1·9
February	13,500	12,500	13,000	0.286	0 - 330	15		25.0
The period	168,500	12,500					39-3	25.0
1875-76. April May June July August September. October. November. December January February March.	41,500 28,500	21, 860 80, 060 63, 200 42, 560 36, 200 25, 060 24, 500 40, 000 24, 260 24, 200 25, 700	41,000 132,000 92,500 52,000 40,500 30,000 30,500 41,000 26,300 27,600 28,500 33,700	0.902 2,903 2.034 1.144 0.891 0.659 0.671 0.902 0.578 0.607 0.627	1·007 3·347 2·270 1·319 1·027 0·735 0·774 1·007 0·666 0·700 0·677 0·854	84 124 206 165 31 27 65 36 17 19	37 53 67 70 69 56 42 24 16 18 13 23	1 · 2 2 · 7 1 · 1 0 · 8 3 · 3 2 · 7 1 · 2 2 · 8 4 · (3 · · · · · · · · · · · · · · · · · · ·
The year	405 500	21,800	48,000	1.055	14 · 383	45	40.7	31 -
1876-77. April. May. June. July. August. September. October. November. January. February.	139,000 252,000 210,000 127,500 53,300 26,700 24,300 52,200 30,000 24,500 17,500	167,000 130,000 57,400 29,000 16,500 16,500 31,300 0 25,000 18,500 12,700	87,000 214,500 169,500 89,000 40,700 21,300 20,300 41,000 27,700 21,500 15,000	1,913 4,717 3,727 1,957 0,468 0,446 0,902 0,609 0,473 0,329 0,329	1 · 007 0 · 702 0 · 545 0 · 342	59 16 42 11-	52 70 73 72 57 43 34 10	3. 2. 1. 3. 2. 2. 1. 4. 1. 0.
March			63,500	1 · 396	19.033	6	41.	7 27
The year 1877-78. April. May June July August. September. October. November January February.	89,50 89,20 69,00 55,50 34,50 23,30 30,00 45,56 43,86	0 25,600 0 70,000 0 47,500 0 36-200 0 26,700 0 16,500 0 16,500 0 27,700 0 49,300 10 26,500	52,500 79,000 58,000 41,700 30,500 20,000 22,800 26,000 41,500 31,800	1 · 15 · 17 · 17 · 17 · 17 · 17 · 17 · 1	1 1-28 7 1-31 5 1-42 7 0-77 9 0-49 1 0-57 2 0-63 4 1-05 9 0-80 9 0-87	1 7 6 7 3 3 4 4 1 1 2 8 8 1 1 4 4 4 7 3 6 6 8 8 1 1 6 6 8 8 8 1 1 1 1 1 1 1 1 1	3 5 6 6 77 8 1 1 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	4 1 2 2 0 0 9 5 5 3 3 3 1 1 1 3 1 1
March	89.5					0	36 4	1.2 2

\$6 george v, a. 1916 Monthly Discharge of Ottawa River near Besserer's Grove for 1878 to 1882.

	D	ISCHARGE IN	SECOND-FEET		Run	-Off.		D : 4 II
Month.	Maximum.	Minimum.	Mean.	Depth Per square mile.	Depth in inches on Drainage Area.	Per cent. of Rainfall.	Tempera- ture.	Rainfall, inches.
1878-79. April	70,000	30,500	49,000	1.077	1.202	80	49	1.8
May une uly uly August September October November December January February March	90,500 76,000 52,000 32,800 43,200 91,500 88,800 68,000 57,000 32,500 27,700	71,000 51,500 34,200 26,700 20,300 41,700 71,600 55,000 34,000 27,600 26,000	80,000 63:500 43,000 29,700 31,000 64,500 80,000 61,200 45,800 30,000 26,800	1·759 1·396 0·945 0·653 0·682 1·418 1·759 1·346 1·007 0·659 0·589	2·028 1·558 1·090 0·753 0·761 1·635 1·963 1·333 1·161 0·686 0·679	53 54 40 20 8 26 41 35 55 29 30	54 62 70 67 59 47 34 16 9 6	3- 2- 2- 3- 9- 6- 4- 3- 2- 2- 2-
The year	91,500	20,300	50,400	1.108	14.849	33	41.1	45-
April. April. May lune. luly August September Detober November December January Agrust Agrust Agrust Agrust August	100,000 199,500 141,500 74,000 50,000 31,000 30,600 24,000 35,000 31,200 30,000 34,800	36,200 111,000 73,200 54,000 30,000 26,700 19,800 18,000 15,500 28,800 26,000 27,300	64,500 156,500 105,500 63,560 40,000 29,000 24,800 20,800 25,700 30,000 28,000 30,700	1·418 3·442 2·320 1·397 0·879 0·638 0·545 0·457 0·659 0·616 0·675	1·582 3·969 2·589 1·611 1·013 0·712 0·628 0·510 0·651 0·760 0·665 0·778	198 147 63 42 25 22 70 19 16 45 24	37 55 62 69 63 55 53 30 11 20 17	0-8 2- 4- 3- 4- 3- 0- 2- 4- 1- 1-
The year	199,500	15,500	51,600	1.113	15.468	47	40.9	32.
1880-81. April May lune luly August September October November December January February March	126,200 189,500 166,000 94,500 54,800 31,000 39,500 75,500 52,800 24,300 24,300 35,000	40,000 130,000 96,500 54,800 31,700 24,000 23,300 40,000 18,500 19,300 19,300	77, 200 160, 000 131, 000 68, 800 43, 200 27, 600 31, 000 56, 500 37, 500 21, 500 22, 000 27, 000	1·698 3·518 2·188 1·513 0·950 0·607 0·682 1·242 0·825 0·473 0·483 0·594	1·895 4·056 3·215 1·745 1·095 0·677 0·786 1·386 0·951 0·545 0·503 0·685	51 101 107 37 41 21 20 33 40 30 19 25	38 58 64 67 65 59 42 26 13 4 14 30	3 · 4 · 4 · 2 · 3 · 4 · 4 · 4 · 2 · 1 · 2 · 2 · 2 · 2 · 2 · 2 · .
The year	189,500	19,300	46,600	1.025	17.539	44	40	40 -
1881-82. April May June July August September October November December January February March	71,000 147,800 122,300 50,000 30,700 16,700 20,800 27,700 24,300 24,500 25,700 35,500	29,000 100,000 51,500 30,700 18,000 11,000 20,800 18,700 18,500 17,000 20,800	48,500 123,500 83,000 40,000 24,000 14,200 15,300 21,500 21,500 21,500 21,500 28,000	1-066 2-716 1-825 0-879 0-528 0-312 0-336 0-462 0-473 0-473 0-473	1 · 191 3 · 132 2 · 837 1 · 015 0 · 609 0 · 348 0 · 387 0 · 516 0 · 545 0 · 545 0 · 545	132 131 107 25 36 11 8 22 19 21 23 26	38 59 60 70 68 64 44 40 27 6 20 22	0 · 2 · 1 4 · 1 · 3 · 5 · · 2 · 2 · 2 · 2 · 2 · 2 · 2 · 2 ·
The year	147, 800	10,700	38,500	0.847	12-383	38	43-2	32-

SESSIONAL PAPER No. 19a

Monthly Discharge of Ottawa River near Besserer's Grove for 1882 to 1886.

	D	ISCHARGE IN	SECOND-FEET.		Run-	OFF.		D : 4 II
Month.	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent of Rainfall.	Tempera- ture.	Rainfall, inches.
1882-83. April May June June June June June June June June	78,700 148,800 150,500 99,500 59,500 47,600 47,600 49,300 30,500 24,500 20,000	45,500 80,000 113,500 63,000 46,300 35,800 38,000 26,000 18,500 18,500 17,000	61, 200 113, 500 131, 800 80, 000 52, 500 51, 500 41, 300 28, 300 21, 500 19, 200 18, 500	1·346 2·496 2·898 1·759 1·155 1·133 0·909 0·957 0·622 0·473 0·422 0·407	1·502 2·878 3·235 2·028 1·331 1·264 1·048 1·068 0·718 0·545 0·440 0·469	83 76 70 38 32 20 52 34 24 29 24 34	34 48 60 64 67 56 48 30 16 4 9	1·8 3·8 4·6 5·3 4·1 6·2 2·0 3·1 3·0 1·9 1·8
The year	150,500	17,000	55,200	1 · 214	16.526	42	37.4	39.0
1883-84. April. May. June. July August September. October. November December. January February March.	95,500 126,300 126,300 132,000 76,800 39,500 45,000 70,000 63,000 48,700 37,300 74,000	25,000 94,500 115,000 77,800 40,000 35,000 34,200 40,700 49,200 38,300 31,200 22,800	56,000 110,000 120,500 103,700 37,500 39,500 50,500 55,800 43,800 32,700 38,000	1·232 2·419 2·650 2·281 1·260 0·825 0·869 1·111 1·227 0·963 0·719 0·836	1·374 2·789 2·957 2·629 1·453 0·920 1·002 1·240 1·415 1·111 0·776 0·964	92 56 50 131 52 19 29 38 94 33 29 80	34 48 63 63 63 53 42 32 14 3 12 22	1.5 5.0 5.9 2.0 2.8 4.7 3.4 3.2 1.5 3.4 2.7
The year	132,000	25,000	62,100	1.366	18 · 630	50	37 -	37.3
April. May. June July August September October November December January February March.	117,300 154,500 123,500 62,300 53,000 53,300 54,000 57,200 52,700 34,000 30,700	74,000 118,800 63,500 40,700 30,700 24,000 27,300 44,300 32,700 34,800 30,700 26,500	94,000 139,500 90,000 47,500 43,000 26,500 33,000 47,500 48,500 33,000 27,500	2:065 3:068 1:979 1:045 0:946 0:583 0:770 1:045 1:078 0:957 0:726 0:605	2·304 3·537 2·209 1·204 1·090 0·650 0·887 1·166 1·242 1·103 0·755 0·697	329 208 63 60 42 23 44 29 69 61 42	40 51 67 63 65 59 44 29 14 7 3	0·7 1·7 3·5 2·0 2·6 2·8 2·0 4·0 1·8 1·8 3·7
The year.	154.500	24,000	56,300	1 · 238	16.844	59	37 -	6 28 · 4
1885-86. April. May. June. July. August. September. October. November. December. January. February. March.	156, 300 162, 600 150, 500 96, 800 44, 500 31, 700 49, 000 54, 500 53, 500 33, 000	35,800 130,700 99,300 65,000 38,700 31,000 26,600 32,000 29,300 32,00 29,300 32,00 26,500	74, €00 150,0°0 130,€00 83,000 50,500 34,000 29,500 41,000 29,500 44,500 37,5€0 29,300	1-627 3-299 2-859 1-815 1-111 0-748 0-649 0-908 0-649 0-978 0-825 0-644	1·816 3·803 3·190 2·093 1·281 0·834 0·748 1·013 0·748 1·128 0·858	76 158 106 110 46 38 18 26 16 71 28 53	31 51 61 68 61 54 43 33 19 6 9	2 · 4 3 · 6 1 · 6 2 · 8 4 · 6 1 · 6 3 · 1
The year	162,000	25,000	61,100	1.343	18 - 26	60	38-	2 30 - 3

\$6 George V, A. 1916 $$\mathrm{Monthly}$$ Discharge of Ottawa River near Besserer's Grove for 1886 to 1890.

		SECOND-FEET		INUN	-OFF.		
Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area	Per cent of Rainfall.	Tempera- ture.	Rainfall, inches.
190,000 192,300 100,000 76,300 51,300 34,200 43,500 42,500 31,300 25,000 27,000 26,500	46, 300 102, 000 76, 800 50, 800 31, 700 29, 000 33, 800 34, 000 25, 700 22, 800 24, 550 23, 500	120,000 144,000 86,000 61,500 40,000 31,700 38,000 27,500 27,500 23,800 24,800	2-639 3-167 1-891 1-352 0-880 0-697 0-836 0-825 0-605 0-523 0-567 0-545	2 · 945 3 · 651 2 · 111 1 · 560 1 · 014 0 · 778 0 · 963 0 · 920 0 · 697 0 · 603 0 · 591 0 · 629	210 365 62 35 27 29 54 34 39 18 16	42 52 60 65 63 56 47 30 10 3 10	1 · 4 1 · 0 3 · 4 4 · 4 3 · 7 2 · 7 1 · 8 2 · 7 1 · 8 2 · 7 2 · 7
192,300	22,800	55,900	1.229	16.462	. 51	37.8	32-1
134, 800 193, 600 124, 500 59, 000 36, 200 20, 800 13, 300 16, 500 14, 300 20, 800 16, 500	32,800 125,000 59,500 37,000 21,800 11,300 13,800 18,300 11,800 19,500 10,300	77,500 161,500 87,500 47,500 28,300 15,700 12,500 14,300 11,000 12,500 20,000 12,600	$\begin{array}{c} 1 \cdot 704 \\ 3 \cdot 552 \\ 1 \cdot 924 \\ 1 \cdot 045 \\ 0 \cdot 622 \\ 0 \cdot 345 \\ 0 \cdot 275 \\ 0 \cdot 315 \\ 0 \cdot 242 \\ 0 \cdot 275 \\ 0 \cdot 440 \\ 0 \cdot 264 \end{array}$	1 · 902 4 · 095 2 · 147 1 · 204 0 · 718 0 · 385 0 · 317 0 · 351 0 · 279 0 · 317 0 · 475 0 · 304	688 273 56 67 42 96 14 17 16 15 24	34 60 64 72 62 53 40 29 15 2	2 · 8 1 · 5 3 · 8 1 · 8 1 · 7 0 · 4 2 · 3 2 · 1 1 · 8 2 · 1 2 · 2 2 · 2 3 · 2 2 · 2
193,000	8,300	41,700	0.917	12 · 494	51	37.3	24 - 5
61,000 192,300 157,300 116,300 49,000 53,300 27,300 32,700 32,700 32,000 27,800 34,300	26, 700 66, 500 119, 600 28, 300 24, 500 21, 700 23, 300 27, 300 25, 890 24, 300 21, 700	43,500 133,500 140,500 73,000 35,800 27,300 23,500 29,500 29,000 26,200 25,700	0·957 2·935 3·089 1·605 0·787 0·600 0·517 0·688 0·648 0·638 0·576 0·565	1·068 3·384 3·447 1·851 0·907 0·670 0·596 0·969 0·747 0·736 0·600 0·651	46 260 172 185 21 28 26 33 57 27 26 163	34 53 65 65 63 54 39 30 19 19 8 28	2:3 1:5 2:4 1:0 4:4 2:5 2:5 2:5 2:5 2:5
192,300	21,700	52,300	1 · 150	15.626	62	39.8	25-3
107,500 128,000 148,800 111,000 63,500 28,300 92,000 43,700 49,800 40,000 45,000	41, 300 \$2, 700 86, 700 65, 000 42, 500 24, 300 21, 200 18, 800 40, 800 33, 700 40, 700	60,500 103,700 121,500 86,000 57,000 32,500 26,000 29,300 45,000 37,300 43,000	1-330 2-281 2-672 1-891 1-253 0-715 0-572 0-572 0-644 0-989 0-820 0-945	1 · 484 2 · 630 2 · 982 2 · 180 1 · 445 0 · 798 0 · 660 0 · 638 0 · 743 0 · 140 0 · 854 1 · 090	106 75 83 57 52 35 41 19 46 81 33 84	42 55 60 65 62 58 36 32 11 15	1 3-: 3-: 3-: 2-: 1-: 1-: 1-: 1-:
	190,000 192,300 1102,300 1102,300 1102,300 131,300 131,300 133,400 133,500 192,300 193,500 194,500 113,600	190,000 46,500 192,900 102,400 191,200 176,500 191,200 176,500 191,200 276,500 134,200 29,000 134,200 29,000 134,300 33,400 131,300 25,700 192,500 22,800 192,500 22,800 192,500 22,800 193,600 125,000 193,600 125,000 193,600 125,000 194,600 125,000 194,600 125,000 194,600 125,000 194,600 125,000 194,900 125,000 194,900 125,000 194,900 125,000 194,900 125,000 194,900 125,000 194,900 125,000 195,00	190,000 46,300 129,000 192,000 162,000 134,000 192,000 162,000 134,000 193,000 162,000 86,000 34,200 29,000 31,700 43,500 33,800 38,800 43,500 32,800 27,500 192,300 22,800 27,500 192,300 22,800 27,500 192,300 122,800 27,500 192,300 122,800 136,000 193,000 125,000 161,500 183,000 155,000 161,500 184,800 185,000 187,500 184,800 185,000 187,500 184,800 185,000 187,500 184,800 185,000 187,500 185,000 185,000 187,500 186,000 187,000 187,500 187,000 187,000 187,500 188,000 188,000 187,500 188,000 189,000 188,000 188,000 189,000 188,000 188,000 189,000 188,000 188,000 189,000 188,000 188,000 189,000 188,000 188,000 189,000 188,000 188,000 189,000 188,00	Maximum. Minimum. Mean. square mile. 190,000 46,330 120,000 2-639 192,300 120,000 144,000 2-349 192,300 161,000 1-801 161,000 1-801 76,300 50,800 61,500 1-801 1801 76,300 31,700 40,000 0-887 24,500 34,000 0-887 34,500 31,700 40,000 37,560 0-825 25,500 22,800 25,800 0-825 31,300 22,800 25,800 25,800 22,800 0-825 0-825 26,500 22,800 25,800 24,800 0-825 0-825 0-825 22,800 22,800 25,800 0-825 0-825 10-827 0-825 10-827 192,300 22,800 55,900 1-229 184,800 0-825 11-248 10-82 11-744 10-82 11-744 10-82 12-82 11-82 11-82 11-744 10-82	Maximum. Minimum. Mean. square mile. on particular mile. 190,000 44,300 120,000 2-930 2-945 192,300 162,000 144,000 2-167 3-45 102,300 162,000 144,000 3-5167 3-45 100,000 76,800 86,000 1-891 2-1150 51,300 31,700 40,000 0-856 1-041 34,200 22,900 32,000 0-856 0-963 42,500 34,000 37,500 0-856 0-920 25,000 22,800 23,800 0-825 0-920 25,000 22,800 23,800 0-825 0-920 25,000 22,800 23,800 0-622 0-620 192,300 22,800 55,900 1-299 16-462 192,300 22,800 77,500 1-299 16-42 134,500 12,800 23,800 1-932 1-902 134,500 12,800 15,700	Maximum. Minimum. Mean. square Draininge Area	Maximum. Minimum. Mean. square Drainage Granfall.

SESSIONAL PAPER No. 19a

MONTHLY DISCHARGE of Ottawa River near Besserer's Grove for 1890 to 1894.

(Drainage Area, 45,473 square miles.

	а	ISCHARGE IN S	ECOND-FEET.		Rus	I-OFF.	Tempera-	Rainfall,
Month.	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage area.	Per cent. of Rainfall.	ture.	Inches.
1890-91. April. M&Y. June. July. August September. October. November December. January. February. March.	108, 200 166, 000 175, 500 125, 600 61,000 54, 000 40, 700 21, 700 20, 800 18, 800 77, 700	53,300 95,000 126,200 62,500 51,300 40,700 36,000 30,000 20,200 17,500 17,500 18,300	92,000 144,500 15,500 83,200 35,000 48,500 38,000 21,000 18,360 17,700 49,500	2·023 3·178 3·409 1·829 1·209 1·066 0·836 0·726 0·462 0·389 1·088	$\begin{array}{c} 2 \cdot 258 \\ 3 \cdot 664 \\ 3 \cdot 804 \\ 2 \cdot 109 \\ 1 \cdot 394 \\ 1 \cdot 190 \\ 0 \cdot 964 \\ 0 \cdot 810 \\ 0 \cdot 533 \\ 0 \cdot 464 \\ 0 \cdot 405 \\ 1 \cdot 254 \\ \end{array}$	141 167 119 58 36 70 57 62 27 15 19	41 52 63 65 60 52 40 22 8 12 14 20	1.6 2.2 3.2 3.6 3.9 1.7 1.7 1.3 2.0 3.2 2.1
The year	175,500	17,500	60,560	1.389	18.85	61	37.4	30 - 8
1891-92. April. May. June. July. August. September. October. November. December. January. February.	70,000 61,000 50,800 35,500	69,500 110,500 55,500 45,000 45,300 32,500 18,200 24,000 47,000 36,500 27,300 20,200	110,000 144,800 75,500 52,000 51,000 40,500 28,500 25,500 50,000 43,700 24,000	2·415 3·184 1·660 1·144 1·122 0·891 0·627 0·561 1·100 0·960 0·677 0·528	2-695 3-671 1-853 1-319 1-294 0-994 0-723 0-626 1-268 1-107 0-730 0-609	123 612 777 25 35 50 31 25 70 44 43 35	41 51 65 64 63 61 44 33 28 11 16 21	2·2 0·6 2·4 5·3 3·7 2·0 2·3 2·5 1·8 2·5 2·1 2·4
The year		20,200	56,400	1 · 240	16-889	57	41-	5 29.8
April. April. May. July. August. September. October. November December. January. February. March.	92,000 81,000 94,500 87,500 45,500 35,300 60,000 45,000 28,500 21,700	31, 800 65, 600 73, 200 43, 500 38, 700 25, 600 31, 600 28, 800 20, 800 17, 600 14, 300	63,500 75,500 87,800 60,000 41,500 33,500 33,500 42,500 25,000 18,900	1·396 1·660 1·931 1·319 0·913 0·671 0·737 0·934 0·778 0·550 0·416	1·558 1·914 2·155 1·521 1·053 0·749 0·850 1·042 0·897 0·634 0·433 0·474	104 113 41 66 24 22 57 33 47 29 21	62 68 66 57 45 29 15 25	
The year		14,300	44,500	0.979	13 · 280	43	38	-3 30 -0
1893-94. April. May. June. July. August. September. October. November. December. January. February.	65, 500 212, 500 177,000 100,000 54,000 46,200 26,000 24,500 23,200	43,300 82,700 103,700 57,300 34,500 32,700 30,000 32,800 23,700 23,200	52,300 159,000 140,500 76,800 45,500 32,500 33,500 36,700 24,200 23,700 49,700	1 · 150 3 · 496 3 · 090 1 · 690 1 · 001 0 · 715 0 · 737 0 · 807 0 · 532 0 · 521 0 · 495 1 · 093		46 77 99 41 22 33 44 61 1' 1. 6	53 67 52 66 67 52 66 67 67 67 7 10 11 11 14	5. 3. 4. 5. 2. 2. 1. 3. 3.
March The year		_	58,100	1.278	17,400	3 4	5 40 · ·	38.

6 GEORGE V, A. 1916 Monthly Discharge of Ottawa River near Besserer's Grove for 1894 to 1898.

	Dis	HARGE IN SEC	COND- EEET.		Rus	N-OFF.	_	
Month.	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on area.	of rainfall.	Tempera- ture.	Rainfall, Inches.
1894-95.								
April	164,700	64,300	93,000	2.045	2 · 282	285	45	0.0
May	167,500 122,200	120,000 87,700	145,000 103,000	3·189 2·265	3 · 677 2 · 528	94 43	54 66	3.
uly	85,000	45,000	68,000	1.495	1.724	69	67	2-
August	43,500	28,300	35,000	0.770	0.888	64	62	1.
eptember	27,300	21,000	23,000	0.506	· 565 0 · 920	18	59	3.
October November	49,000 59.500	21,200 45,500	36,300 51,000 25,300	0·798 1·122	1.252	24 74 28	47 28	3 · 1 ·
December	59,500 39,000	33,000	25,300	0.566	0.641	28	21	2.
anuary	38,500	25,800	31,500	0.693	0.799	24	11	3.
rebruary	26,300 20,500	18,800 18,000	22,500 18,800	0 · 495 0 · 413	0·515 0·476	34 43	13 19	1.
March								
The year	167,500	18,000	54,400	1.196	16 · 267	52	41	31
1895-96.	407 400	00 500	## 000					
April	127,500 151,500	29,700 104.800	77,000 127,500	1-693 2-804	1.889 3.233	90 83	41 59	2· 3·
April May une	111,000	74,000	97,300	2-140	2.388	72	68	3.
July	71,700	35,800	49,500	1.088	1.254	52	64	2.
July. August	41,300	34,000	37,000	0.814	0.939	30 26	65	3.
September	38,000 26,000	24,300 20,300	30,500	0 · 671 0 · 517	0 · 749 0 · 596	26 60	59 39	2 -
October November	31,000	18,800	23,500 25,700 29,200	0.565	0.631	24	32	2.
December	58,000	20,000	29,200	0.642	0.740	26	21	2.
anuary	72,500 39,000	40,000 27,300	52,000 34,000	1·143 0·748	1·318 0·800	62 22	12	2· 3·
February March	31,300	27,300	29,500	0.748	0.748	31	16	2
The year	151,500	18,800	49,900	1.097	15.285	47	40.4	32-
1896-97.								
April	205, 200 158, 500	41,700 94,500	106,500 129,500	2.342	2.614	163	44	1.
viay	103,600	61,000	84,500	2 · 848 1 · 858	3·284 2·074	173 59	58 63	3.
July	59,000	44,300	53.300	1.172	1.351	39	67	3.
JulyAugust	44,300	28 300	34,000	0.747	0.861	20	65	4
September	30,700 37,700 84,300	21,200 29,300	34,000 27,300 35,000	0 · 600 0 · 770	0.670	16 50	54 42	4.
October	84 300	35,000	58,800	1.293	1.443	48	34	3.
December	58,000	49.800	53,700	1.181	1.362	151	17	0.
anuary	50,800	35,500	40,000	0.880	1.015	48	13	2
February	34,800 47,200	34,300 35,500	34,500 38,500	0·759 0·847	0·790 0·977	53 27	15 25	3
The year	205,200	21,200	58,000	1.275	17.396	54	42.3	32-
1897-98.								
April	161,500	61,500	83 - 500	1.836	2.049	76	42	2.
May	176,000 142,000	146,000 87,700	121,700 117,000	2 · 676 2 · 571	3·085 2·869	106 92	53 60	2.
funefuly	86,700	48,200	62,000	1.363	1.572	43	72	3.
August	48,200	43,300	45 500	1.001	1 · 154	41	62	2.
September	45,000	25,000	33,500 57,300 35,200	0.737	0.822	137	60	0.
October	36,200 38,000	23,500	35, 200	1 · 260 0 · 774	1 · 453 0 · 864	81 28	48 29	1.
November December	39,000	32,300 23,200	39.500	0.869	1.002	29	17	3.
Ianuary	26,500	21,500	32,500	0.715	0 - 824	29	9	2.
February	27,300	21,500	34,200	0.752	0.783	29	17	2.
March	122,200	26,500	55,300	1.216	1 · 402	74	33	1.
The year.	176,000	21,500	59,800	1.315	17.879	55	41.8	32-

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Monthly Discharge of Ottawa River near Besserer's Grove for 1898 to 1902.

	D	ISCHARGE IN	SECOND-FEET	r.	Run-	Off.	Tempera-	Rainfall
Month.	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent. of Rainfall.	ture.	inches.
1898-99. May Jay June July August September Jetober November December January February March	108, 200 107, 500 106, 500 84, 000 36, 000 64, 500 42, 000 30, 500 29, 700 32, 700	74,000 83,500 65,700 45,500 34,500 31,800 32,800 53,300 31,300 29,700 28,800 28,300	95,000 96,700 84,500 63,500 40,000 32,300 42,500 58,500 35,000 29,800 29,300 29,700	2·089 2·127 1·858 1·396 0·880 0·710 0·935 1·286 0·770 0·655 0·644 0·653	2·331 2·452 2·074 1·610 1·015 0·792 1·078 1·435 0·888 0·755 0·670 0·753	333 88 63 85 26 23 22 96 33 33 74	41 56 65 68 65 60 45 32 16 12 11	0 · 2 · : 3 · : 3 · : 3 · : 4 · . 1 · 2 · 2 · 2 · 0 · 4 · .
The year	108,200	28,300	52,200	1 · 148	15 · 853	48	40.8	33.
1899–1900. April. May June July August September. October November December Junuany February March	164,700 207,000 144,800 86,300 58,000 44,500 53,300 44,300 48,000 33,200 26,500	51,000 122,300 85,000 57,000 30,700 24,000 39,500 32,800 23,000 31,500 27,000 25,000	93,000 167,000 114,500 70,700 42,000 29,200 44,500 38,000 35,800 38,500 30,800 25,500	2·045 3·672 2·518 1·555 0·924 0·642 0·979 0·836 0·787 0·847 0·677 0·561	2 · 282 4 · 234 2 · 810 1 · 793 1 · 065 0 · 716 1 · 129 0 · 933 0 · 907 0 · 977 0 · 730 0 · 647	33 114 97 29 335 16 51 67 32 49 23 25	42 555 63 65 66 53 46 33 21 13 13	0- 3- 2- 6- 0- 4- 2- 1- 2- 2- 3- 2-
The year.	207,000	23,000	59,100	1.299	18-233	56	34.4	32
1900-01. April. May June July August. September. October. November. December January February March.	142,000 133,500 102,000 91,500 76,500 44,300 56,200 61,500 29,800 24,500 24,500	35,000 92,800 57,000 51,600 45,000 35,800 41,300 41,300 25,000 23,700 23,700 23,200	88,000 112,700 77,500 72,500 61,700 38,200 49,200 49,300 35,300 27,500 24,200 23,700	1.935 2.478 1.704 1.594 1.357 0.840 1.082 1.083 0.776 0.605 0.532 0.521	2·160 2·858 1·902 1·838 1·564 0·937 1·247 1·209 0·895 0·697 0·554 0·601	196 98 54 44 47 23 83 48 43 288 79	43 52 64 67 65 58 52 26 15 9	1 2 3 4 3 4 1 2 2 2 2 0 2
The year	142,000	23,200	55,000	1.210	16 · 462	53	40 · 2	30
April. April. May. June July August September. October November January February.	158,500 116,700 63,000 36,000 27,300 24,300 27,300 35,500 35,500 34,500	37,000 103,700 63,500 32,800 25,000 14,500 24,300 18,000 34,500 33,500 46,300	111,500 132,500 91,300 45,300 29,700 20,500 19,800 26,200 28,200 34,800 33,500	2·452 2·914 2,008 0·996 0·653 0·451 0·435 0·576 0·620 0·765 0·737 1,250	2·736 3·360 2·241 1·149 0·753 0·503 0·500 0·643 0·715 0·882 0·767 1·438	114 96 83 34 18 20 26 21 23 32 32 46	45 55 65 69 65 58 46 27 16 10 25	22 33 44 22 11 23 23 23 23 23 23 23 23 23 23 23 23 23
March The year	158,500	16,000	52,500	1.155	15-687	45	42	8 3

6 GEORGE V, A. 1916

Monthly Discharge of Ottawa River near Besserer's Grove for 1902 to 1906.

	D	ISCHARGE IN	SECOND-FEE	r.	Rus	OFF.		
Month.	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent. of Rainfall.	Tempera- ture.	Rainfall, inches.
April. May June June July August. September October November December Jenuary Hebruary March	122,000 125,000 107,000 81,000 52,000 38,000 46,000 69,000 54,200 38,500 31,500 95,800	103,000 99,000 81,000 52,000 38,000 32,000 46,000 39,000 39,000 29,300 32,000	110,600 115,500 98,900 71,000 48,000 34,500 35,500 55,500 47,200 35,000 30,000 66,000	2·432 2·539 2·175 1·561 1·056 0·759 0·781 1·221 1·038 0·769 0·659 1·451	2·714 2·927 2·427 1·799 1·217 0·847 0·900 1·362 1·196 0·886 0·686 1·673	151 122 61 33 51 24 23 65 48 47 21	43 52 58 66 61 58 42 35 12 9 13	1:: 2:: 4:: 5:- 2:- 2:- 2:- 1:- 3:- 1:-
The year	125,000	29,300	62,300	1.370	18-634	53	40	34 -
1903-04. April May June July August August Septmber October November December January February March	100,000 118,000 93,000 104,000 53,000 46,000 25,500 23,700 23,700 23,000 47,000	85,000 91,000 75,000 53,000 38,000 34,000 42,000 28,000 24,000 23,000 22,700 22,800	92,500 105,500 82,000 75,500 47,000 37,500 48,500 39,500 24,800 23,500 23,600 25,500	2 · 034 2 · 320 1 · 803 1 · 660 1 · 033 0 · 825 1 · 066 0 · 565 0 · 545 0 · 517 0 · 506	2 · 269 2 · 674 2 · 012 · 1 · 913 1 · 191 0 · 920 1 · 229 0 · 968 0 · 628 0 · 596 0 · 545 0 · 646	252 206 39 45 37 34 61 108 30 23 30 22 22	42 56 59 66 60 57 46 29 6 2 1	0. 1. 5. 4. 3. 2. 2. 0. 2.
The year		22,700	52,100	1.145	15-591	52	. 37	29 -
1904-05. April. May June July August September October November December January February March	184,000 187,000 107,000 54,000 42,000	78,000 118,000 107,000 54,000 42,000 42,000 43,000 43,000 27,300 27,300 26,000 19,300	103,000 161,000 159,000 82,500 36,000 56,500 28,200 27,500 26,800 25,700	2-265 3-541 3-497 1-814 0-978 0-792 1-242 1-198 0-620 0-605 0-589 0-565	2·527 4·083 3·903 2·092 1·128 0·884 1·432 1·337 0·714 0·697 0·613 0·651	70 114 122 75 31 16 65 103 37 28 38 72	35 56 62 65 61 52 42 29 5 3 9	3- 3- 3- 3- 3- 5- 2- 1- 1- 0-
The year	187,000	19,300	67, 100	1.476	20.061	62	37	32
1905-06. April. May July August September. October November December January February March.	98,000 63,000 50,000 34,000 41,000	59,000 59,000 63,000 49,000 28,000 28,000 32,000 32,000 21,500 20,800 28,800 19,300	71,000 98,000 83,000 52,000 39,500 28,500 30,500 36,000 23,200 28,000 23,500 23,500 27,500	1·561 2·155 1·825 1·144 0·869 0·627 0·691 0·792 0·510 0·616 0·517	1.742 2.485 2.037 1.319 1.001 0.699 0.797 0.884 0.588 0.710 0.538 0.698	134 86 58 29 42 18 31 49 29 31 30 58	40 53 63 67 63 58 44 28 18 22 14	1 2 3 4 2 3 2 1 2 2 2 1
The year	119,000	19,300	45,100	0.991	13 - 498	45	41	30

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Monthly Discharge of Ottawa River near Besserer's Grove for 1906 to 1910.

	D	ISCHARGE IN S	ECOND-FEET.		Run-	OFF.	Tempera-	Rainfall.
Month.	Maximum.	Minimum.	Viean.	Per square mile.	Depth in inches on Drainage Area.	Per cent of Rainfall.	ture.	inches
1906-07. April May June July August September October November December January February March	21,000 25,000 19,300 12,800	48,000 81,000 90,000 42,000 18,000 13,000 15,000 19,000 12,400 12,300 12,300	60,000 108,000 104,000 63,500 32,500 16,500 17,000 20,000 17,000 12,500 12,300 18,000	1-319 2-375 2-287 1-396 0-715 0-364 0-374 0-439 0-374 0-275 0-270 0-396	1·472 2·738 2·552 1·609 0·824 0·406 0·431 0·490 0·431 0·317 0·281 0·456	184 171 57 101 36 17 12 19 16 35 17 23	41 52 66 68 69 62 48 31 13 7 5	0 · 8 1 · 6 4 · 5 1 · 6 2 · 3 3 5 5 2 · 6 6 2 7 7 0 3 1 · 7 2 · 0
The year	122,000	12,300	40,100	0.882	12-007	45	41	26-6
1907-08. April. May. June July August September October November December January February	51,000 63,000 43,500 41,000 33,000	55,000 57,000 89,000 55,000 33,000 30,000 44,000 39,000 35,000 30,000 29,300 27,300	76,500 98,500 116,000 45,000 36,500 47,500 40,300 33,700 30,800 31,000	1.682 2.166 2.551 1.737 0.989 0.803 1.045 1.122 0.886 0.741 0.678	1·877 2·497 2·847 2·847 2·003 1·140 0·896 1·252 1·022 0·854 0·732 0·786	94 125 105 51 114 24 40 33 33 41 22 37	36 46 65 67 62 56 42 30 21 4 7	2.0 2.0 2.7 3.9 1.0 3.7 3.0 3.8 3.1 2.1 3.4 2.1
The year		27,300	57,200	1.258	17 - 111	52	37	32-8
April 1908-09. April May June July August September October November December January February March	93,000 141,000 134,000 93,060 48,000 24,000 14,000 18,000 20,000 21,500 25,000	18,500 18,800	81,500 117,500 114,500 72,000 35,500 13,000 14,000 20,000 22,000 24,500	1·792 2·584 2·519 1·583 0·803 0·429 0·286 0·308 0·352 0·439 0·484 0·539	1.999 2.979 2.811 1.825 0.925 0.478 0.329 0.343 0.405 0.504 0.621	154 74 281 79 66 34 24 23 13 15 23	64 60 40 32 13 8	1.6 2.3 1 1 1 3. 3 3 2
The year			45,900	1.009	13 · 725	51	38	3 26.
1909-10. April May June July August September October November December January February March	130,000 231,000 226,000 98,000 49,000 47,000 44,000 33,000 31,500 29,800	39,000 130,000 98,000 0 48,000 0 48,000 0 41,000 0 31,200 0 27,000 0 22,300	94,500 174,000 163,600 75,400 69,800 47,400 47,000 42,200 29,000 25,500 34,000	2.078 3.826 3.598 1.658 1.042 1.033 0.922 0.711 0.638 0.561	4 · 411 4 · 015 5 · 1 · 912 6 · 1 · 770 1 · 163 1 · 192 8 · 1 · 036 6 · 0 · 826 6 · 0 · 736 1 · 0 · 58	98 255 35 56 44 83 33 34 4 55 7 6	5 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6 6	0 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
The year			70,000	1.530	20.70	9 6	9 4	1 30

6 GEORGE V, A. 1916

Monthly Discharge of Ottawa River near Besserer's Grove for 1910 to 1916. (Drainage area, 45, 473 square miles.)

	I	DISCHARGE IN	SECOND-FEE	т.	Run	-OFF.		
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage Area.	Per cent of Rainfall.	Tempera- ture.	Rainfall, inches.
1910-11. May June July August September October November December Ja nuary February March	123,000 122,000 92,000 93,500 31,500 35,500 41,500 30,500 23,000 18,000 20,000	71,000 78,500 58,500 29,000 29,000 24,000 38,000 23,700 18,500 14,000 11,500	95,500 100,800 81,700 44,800 29,900 30,100 40,800 27,200 20,500 16,700 13,800	$\begin{array}{c} 2\cdot 100 \\ 2\cdot 217 \\ 1\cdot 797 \\ 0\cdot 985 \\ 0\cdot 658 \\ 0\cdot 662 \\ 0\cdot 743 \\ 0\cdot 897 \\ 0\cdot 598 \\ 0\cdot 451 \\ 0\cdot 367 \\ 0\cdot 304 \end{array}$	2 · 344 2 · 556 2 · 005 1 · 136 0 · 759 0 · 739 0 · 857 1 · 001 0 · 689 0 · 520 0 · 382 0 · 351	167 107 125 60 15 46 26 63 63 27 20 21	47 53 64 69 65 54 44 31 11 10 10	1.4 2.4 1.6 1.9 5.0 1.6 3.3 1.6 1.1 1.9 1.9
The year	123,000	11,500	44,600	0.981	13 - 339	53	40	25 · 4
April. May June July August. September. October November December January. February. March	93,500 152,500 123,000 73,000 35,500 27,500 18,500 40,000 27,000 23,000	20,000 93,500 73,000 32,000 27,500 18,500 18,500 24,000 27,500 21,300 21,300	53,600 128,700 103,900 53,500 32,000 22,300 17,400 24,400 29,800 31,500 23,000 22,500	1·179 2·830 2·285 1·179 0·704 0·490 0·383 0·537 0·655 0·693 0·506 0·494	1·316 3·263 2·550 1·359 0·812 0·547 0·442 0·599 0·755 0·799 0·546 0·569	101 125 71 62 31 21 16 18 42 33 23 63	38 59 59 70 66 55 44 27 25 1 9	1.3 2.6 3.6 2.2 2.6 4.6 2.8 3.3 1.8 2.4 2.4
The year	152,500	16,000	45,500	1.001	13 · 557	48	39	28.5
1912–13. April. May. June. July. August September. October. November. December. January. January. March.	113, 610 164, 940 166, 500 84, 100 84, 675 35, 750 57, 500 81, 750 66, 000 47, 390 43, 790 117, 500	22, 125 108, 000 87, 650 45, 800 35, 750 32, 250 30, 225 56, 000 41, 480 33, 440 34, 350 33, 075	76, 628 127, 677 126, 518 61, 284 39, 752 33, 921 36, 765 67, 466 52, 042 43, 050 37, 604 60, 774	1·685 2·808 2·782 1·348 0·874 0·746 0·808 1·483 1·144 0·947 0·827 1·336	1·880 3·238 3·105 1·554 1·608 0·833 0·932 1·655 1·319 1·092 0·861 1·540	95 68 151 54 25 23 32 70 53 31 59	36 · 4 52 · 6 59 · 7 66 · 6 59 · 5 47 · 2 46 · 5 32 · 3 21 · 2 16 · 7 5 · 7 23 · 9	1.971 4.771 2.06 2.881 4.081 3.59 2.951 2.352 2.512 3.512 1.452 2.772
The year.	166,500	22, 125	63,698	1 - 401	19-017	55	39.0	34 - 892
1913-14. April. May. June. July. August September. October. November. December. January. February. March.	129,500 158,750 93,950 39,950 33,300 26,000 46,925 63,670 64,350 40,825 29,300 48,600	113,020 97,100 49,200 34,000 21,150 21,150 43,100 51,360 28,420 27,420 24,225	118,878 126,946 70,339 37,277 27,035 23,866 29,760 52,318 57,353 31,364 27,274 29,155	2·614 2·792 1·547 0·820 0·595 0·525 0·654 1·151 1·261 0·600 0·600	2.917 3.219 1.726 0.945 0.686 0.586 0.754 1.285 1.454 0.796 0.625 0.739	164 166 134 34 19 22 19 41 82 30 31 44	42-0 50-8 62-5 67-3 65-1 56-3 47-6 35-7 23-1 9-4 3-9 19-6	1. 78 ² 1. 94 ² 1. 29 ² 2. 75 ² 3. 66 ² 2. 64 ² 3. 16 ² 1. 78 ² 2. 68 ² 1. 99 ² 1. 69 ²
The year.	158,750	21,150	52,694	1.159	15.732	54	40.3	29 - 229

Precipitation from observations at Quizze Dam, Hailaybury, Timishaming, Stonediffe, Renfew and Ottawa used from April to Getober 192. "Mean monthly precipitation computed from observations at Quizze Dam, Timishaming and Bark Lake (Ottawa Storage); Haileybury, Stonediffe and Henfrew (Dom, Met. Service); and Ottawa (Dom. Experimental Farm).

Monthly Discharge of Ottawa River near Besserer's Grove for 1914 and 1915.

	DISCHARGE IN SECOND-FEET.				Run-Off.			
Month.	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on area. Drainage	Per cent of rainfall.	Tempera- ture.	Rainfall, inches.
April. May. June. July. August September. October November December January. February. March.	81,500 95,520 59,810 53,600 23,400 16,770 15,300 21,400 17,500 17,000 23,000	29,700 60,920 44,980 23,400 16,100 13,750 13,000 13,100 16,800 14,700 13,400 13,400	43, 810 83, 020 52, 030 38, 340 15, 670 15, 870 19, 180 15, 850 14, 610 16, 510	0.963 1.826 1.122 0.843 0.411 0.345 0.304 0.347 0.422 0.349 0.321	1·074 2·105 1·252 0·972 0·474 0·385 0·351 0·387 0·487 0·402 0·334 0·419	41 200 47 62 22 13 13 13 26 18 18	38-4 59-5 63-1 68-8 65-6 58-1 49-2 29-3 17-0 14-8 19-4	1.03 2.68 1.58 2.20 2.94 2.65 2.98 1.87
The year	95,520	13,000	28,940	0.635	8 • 642	35	42-4	24.9

Nore—Mean monthly precipitation taken from Quinze Timiskaming, Bark Lake, (Ottawa River Storage); Renfrew, Haileybury, Rutherglen, Stonecliff (Dom. Met. Service); and Ottawa (By Mr. Ellis of Experimental Farm.) Discharge estimate by adding flows of Rideau and Catineau Rivers into Chaudiere.

OTTAWA RIVER AT EAST TEMPLETON, QUE.

 $Records\ Available.—Staff gauge readings from the 8th May, 1905, to 31st December, 1906.$

LIEVRE RIVER.

Location of Gauge.—The staff gauge read during 1905 and 1906 was attached to a pier above Dufferin falls at Buckingham, Que. This pier and gauge have since been torn out by ice. The gauges now used are at the head and foot of Poupore locks.

Records Available.—Readings from Dufferin falls gauge, 17th April to 11th November, 1905, and from 14th May to 1st December, 1906. Poupore locks (head and foot) 1st April, 1910, to date.

Drainage Area.-4,040 square miles.

Discharge Measurements.—Made from a launch 3 miles above Buckingham Oue.

Discharge Curve.—Fairly well defined.

Winter Flow—Discharge relation is affected by ice.

DISCHARGE MEASUREMENTS of the Lievre River.

Date.	Hydrographer.	W.S. Elev.	Discharge, Secft.
1896. Apr. 6	J. Kennedy		2,500
1901. Apr. 2	Wm. Kennedy		2,042
1902. Sept. 24	C. E. Gauvin		1,487
1905. Feb. 25 May 30 Aug. 10 Nov. 7	R. W. Farley. F. W. Anderson. James Gillespie. S. B. Johnson.		1,725 11,335 1,735 3,734
1908. May 21	S. B. Johnson		27,588
1910. Apr. 29	S. B. Johnson		16,920
1911. Apr. 13 June 3	S. B. Johnson. S. B. Johnson.		3,298 11,900
1914. Mar. 20	G. M. Brown		1,120

Monthly Discharge of Lievre River near Poupore, Que., for 1905-1906 and 1910-1911.

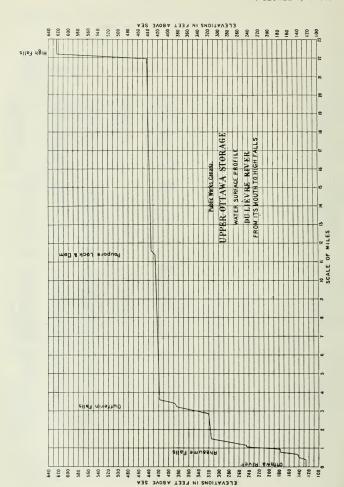
Month.	I	DISCHARGE IN	SECOND-FEE	r.	
	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage area.
April 1905-06. May July August September November December January March	6,200 18,400 9,900 2,990 2,300 2,150 5,200 4,000 1 2,400 1 3,940 1 4,070	2,200 6,200 2,000 1,700 1,750 1,500 1,900 2,400 1,910 1,910 2,490 1,710	3,600 13,250 4,170 2,200 1,970 1,850 2,570 2,600 2,130 2,540 3,220 3,030	0·891 3·280 1·032 0·545 0·488 0·636 0·644 0·527 0·629 0·797 0·750	0·99 3·78 1·15 0·63 0·56 0·51 0·73 0·72 0·61 0·73 0·86 0·86
The year. 1910–11. April. 1910–11. May June. July. August bar. October. November. December. January. January. January.	17,700 16,900 7,600 3,300 3,100 2,900 5,150 3,200 2,600 2,400	8,000 4,700 3,300 2,000 2,200 2,500 2,500 2,300 2,280 2,240 2,200	14,870 10,360 5,670 2,330 2,570 2,616 3,920 2,820 2,460 2,350 2,240 2,220	3 · 681 2 · 564 1 · 403 0 · 577 0 · 636 0 · 648 0 · 970 0 · 698 0 · 609 0 · 582 0 · 554	12-13 4-11 2-96 1-57 0-77 0-73 0-72 1-12 0-78 0-60 0-60 0-63

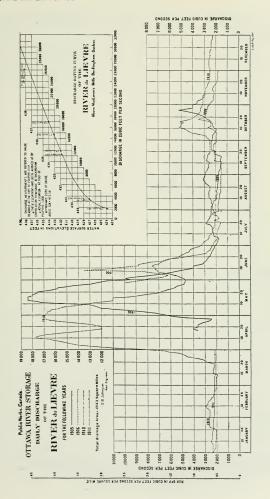
Note.—For the months of December, 1905, to March, 1906, the discharge was estimated by taking 72% of the run-off per square mile of the Gatineau river watershed.

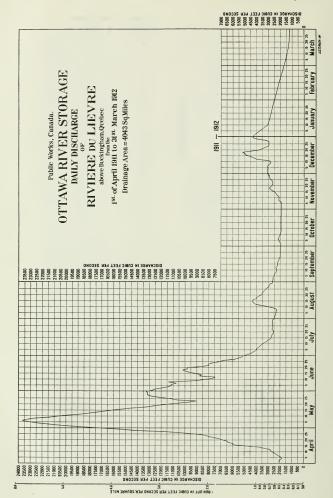
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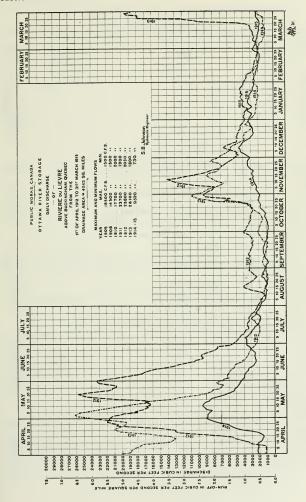
Monthly Discharge of Lievre River near Poupore, Que., for 1911-1915.

	1	Discharge in	Second-Feet		Dun off
Монти.	Minimum.	Maximum.	Mean.	Per square mile.	Run-off, Depth in inches on Drainage area.
April. 1911–12. May. June May. May. May. May. May. May. May. May.	17, 200 23, 700 13, 100 0.500 4, 300 2, 700 2, 200 3, 050 5, 250 4, 300 2, 500 1, 750	1,800 9,000 5,000 2,500 2,300 2,000 1,900 1,900 2,300 2,500 1,750 1,200	5,710 17,670 9,100 3,400 3,170 2,230 1,990 2,430 3,550 3,080 2,100 1,400	1·413 4·374 2·252 0·842 0·785 0·552 0·493 0·601 0·879 0·762 0·520 0·347	1·58 5·04 2·51 0·97 0·91 0·67 0·67 1·01 0·88 0·56 0·40
The year	23,700	1,200	4,650	1.152	15.72
April. 1912-13. May June July August September. October. November. November. January February March.	21, 965 25, 740 22, 455 5, 270 4, 075 3, 940 9, 200 14, 010 6, 550 4, 345 3, 805 19, 515	1,160 16,110 5,530 2,255 1,340 2,770 2,770 5,140 3,805 3,295 2,065 2,065	9,976 20,458 12,454 3,548 2,574 3,137 4,211 8,822 4,854 4,006 2,659 7,087	2-467 5-060 3-080 0-877 0-637 0-776 1-042 2-182 1-200 0-991 0-658 1-753	2·753 5·834 3·437 1·011 0·734 0·866 1·201 2·435 1·384 1·143 0·685 2·021
The year	25,740	1,160	7,000	1.731	23 - 504
April. 1913-14. May June July August September. October. October. December January. February March.	23,535 26,130 6,710 2,980 1,780 2,160 10,730 9,410 6,980 2,875 2,665 2,350	13,070 6,710 2,350 1,780 860 860 1,495 6,550 2,823 1,970 1,970 1,040	18,186 14,903 4,452 2,257 1,229 1,361 3,942 7,755 4,391 2,267 2,296 1,454	4 · 498 3 · 686 1 · 101 0 · 558 0 · 304 0 · 337 0 · 975 1 · 918 1 · 086 0 · 560 0 · 568 0 · 360	5·020 4·250 1·229 0·643 0·350 0·376 1·124 2·140 1·252 0·646 0·591 0·415
The year	26,130	860	3,572	0.881	18.036
April 1914–15. May June July August September October October December January February March	8,990 9,520 4,210 3,872 1,780 1,400 2,065 3,400 4,615 3,467 2,770 2,560	1,447 4,270 2,455 1,780 920 730 760 2,017 2,017 2,560 1,780	3,759 7,199 3,151 2,596 1,252 1,079 1,359 2,797 3,465 3,010 2,195 2,093	0-930 1-781 0-779 0-642 0-310 0-267 0-336 0-692 0-857 0-744 0-543 0-518	1.038 2.053 0.869 0.740 0.357 0.298 0.387 0.772 0.988 0.858 0.565 0.597
The year	9,520	730	2,836	0.701	9 - 522









DISCHARGE MEASUREMENTS of the Blanche River at Thurso, Que. (Drainage area, 236 square miles.)

Date.	Made by	W. S. Elevation.	Discharge in Secft.
1905. May 31 Aug. 10	O. Stitt	103·0 100·8	186 197
1908. May 27	D. H. Philp.	101 - 2	449
1909. June 17			2,073

OTTAWA RIVER AT PAPINEAUVILLE, QUE.

Records Available.—Gauge readings from the 1st May to 31st December, 1906.

SOUTH NATION RIVER, PLANTAGENET SPRINGS, ONT.

Location of Gauge.—Water surface readings secured by measuring down from base of rail on Canadian Pacific Railway bridge.

Records Available.—Gauge readings from 1st April, 1910, to date.

Drainage Area.—1,436 square miles.

Discharge Measurements.—Made from the Canadian Pacific Railway bridge at Plantagenet Springs.

Discharge Curve.—Fairly well defined.

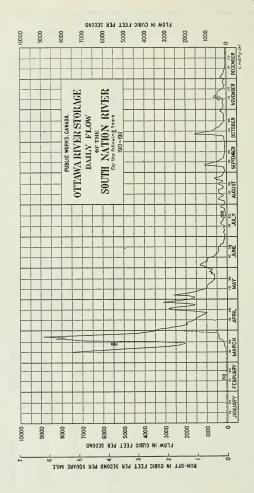
Winter Flow.—Discharge relation affected to a very small degree by ice.

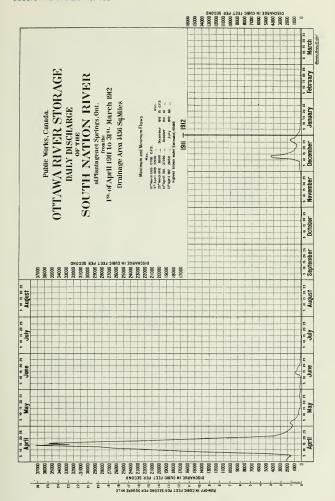
DISCHARGE MEASUREMENTS of the South Nation River.

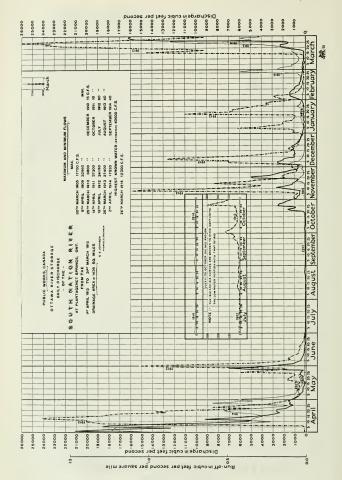
Date.	Made by	W. S. Elevation.	Discharge in Se.c-ft.
1905. Mar. 30 June 8	Jas. Gillespie. O. Stitt.		17,708 176
1908. May 23	D. H. Philp		1,016
1909. April 8	S. B. Johnson		30,400
1911. April 14 22 June 1	4	162·47 150·00 145·90	38,400 3,750 208
1912. Mar. 15 Apr. 12-13		145·70 157·70	54 24,100

Monthly Discharge of South Nation River near Plantagenet for 1910 to 1915. (Drainage area, 1,436 square miles.)

	E	ISCHARGE IN	SECOND-FEE	r.	Depth in
Month.	Maximum.	Minimum.	Mean.	Per square mile.	inches on Drainage Area.
April 1910-11. May June July Aangst Law College Colle	3,500 2,600 1,300 300 600 1,100 1,560 450 300 60 80 2,150	960 600 100 100 120 80 100 80 50 60 60	2,029 1,200 567 121 303 171 246 201 76 60 63 434	1·413 0·836 0·395 0·084 0·211 0·119 0·171 0·139 0·042 0·053 0·044 0·302	1.577 0.964 0.441 0.097 0.243 0.133 0.197 0.155 0.061 0.048 0.048
The year	3,500	50	456	0.317	4.310
April. May June July August ber October. November. December January February March.	37, 200 1, 650 990 100 60 100 170 4, 290 590 80 100	1,300 130 80 40 20 40 20 40 210 60 40 40	11,706 505 299 59 44 67 56 106 1,166 133 54 59	8·144 0·352 0·208 0·041 0·031 0·047 0·039 0·074 0·812 0·093 0·037 0·041	9.089 0.406 0.232 0.047 0.036 0.052 0.045 0.083 0.936 -107 0.040
The year	37,200	20	1,188	0.827	11-120
1912-13. April. May. June July June July August October November. December January February March.	24,142 15,090 12,624 100 250 1,300 3,000 15,912 12,624 11,010 2,850 27,430	130 530 100 60 60 80 250 730 350 810 130	10,016 2,117 1,490 79 117 295 782 3,817 2,999 3,621 658 8,934	6 · 975 1 · 474 1 · 037 0 · 054 0 · 081 0 · 205 0 · 545 2 · 658 2 · 658 2 · 522 0 · 458 6 · 221	7,784 1.699 1.157 0.062 0.093 0.229 0.628 2.966 2.407 2.908 0.477 7.173
The year	27,430	60	2,918	2.032	27 · 583
April. May June July August August September. November. December January February March.	21, 118 7, 050 1, 190 100 130 80 2, 560 5, 010 2, 560 350 1, 410 16, 190	1,410 80 80 60 40 40 60 470 250 100 210 130	7,034 1,028 275 76 69 62 661 1,573 1,059 173 725 3,435	4·905 0·716 0·192 0·053 0·048 0·043 0·460 1·096 0·737 0·120 0·505 2·393	5·474 0·745 0·179 0·053 0·046 0·042 1·019 0·740 0·116 0·451 2·403
The year	21,118	40	1,423	0.999	11.730
April. 1914-15. May June July August September. October October December December February March	17, 830 4, 650 170 170 130 170 100 810 1, 410 730 6,000 12, 350	1,650 90 60 60 40 40 80 60 80 130 590	7,462 663 75 83 84 73 70 226 242 321 847 3,017	5·190 0·462 0·052 0·058 0·058 0·051 0·049 0·157 0·169 0·224 0·590 2·001	5·799 0·533 0·058 0·067 0·067 0·057 0·175 0·195 0·258 0·614 2·422
The year	17,830	40	1,090	0.759	10 - 301







DISCHARGE MEASUREMENTS of the North Nation River.

(Drainage area, 710 square miles.)

Date.	Made by	W. S. Elevation.	Discharge in Secft.
1901.			
Nov. 8-9			237
1905. June 1 Aug. 11	O. Stitt	92·82 91·72	1,546 1,12)
1908. May 28	D. H. Philp.	93 - 72	3,649

ROUGE RIVER ABOVE CALUMET, QUE.

Location of Gauges.—Gauge No. 1 is at the head of Table falls, attached the forebay wall near the racks of the power-house. Gauge No. 2 is about 200 feet below the power-house fastened to a small stone-filled crib. Both these gauges are the standard staff gauge used by this survey.

Records Available.—Gauge No. 1, 14th April to 15th November, 1905; 14th May to 31st December, 1906; and from the 15th May, 1909, to date. Gauge No. 2 was only placed this year.

Drainage Area.—1,780 square miles.

Discharge Measurements.—Made from a row-boat about 2 miles above Table falls.

Discharge Curve.—Not very well defined owing to backwater from the dam and power-house at Table falls. A new curve will be related to the lower gauge as soon as a sufficient number of meterings have been secured.

Winter Flow.—The reach above the falls is considerably affected by ice.

Discharge Measurements of the Rouge River.

Date.	Hydrographer.	W. S. Elevation.	Discharge in Secft.
1905. Mar. 21 June 1 Aug. 11	Wm. Kennedy, Jr O. Stitt	361·40 360·00	847 4,277 1,855
1908. May 29	D. H. Philp	362 · 50	12,163
1909. May 17	S. B. Johnson.	364 - 50	25,783
1910. Sept. 24 Oct. 3	Riordon Paper Co., Hawkesbury	359·25 360·10	1,030 1,720
1911. Dec. 14	S. B. Johnson	361.53	6, 427
1914. Mar. 19	G. M. Brown	358 - 78	770
1915. Feb. 10 " 23 Mar. 10 " 25	J. A. Beauchemin C. Y. Steele. J. A. Beauchemin	359-60 359-63 359-90 360-13	1,031 1,007 1,409 1,602

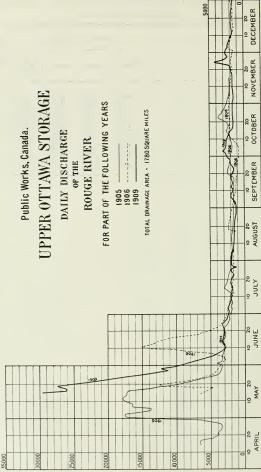
Monthly Discharge of Rouge River near Table Falls for 1910 to 1914.

(Drainage area, 1,780 square miles.)

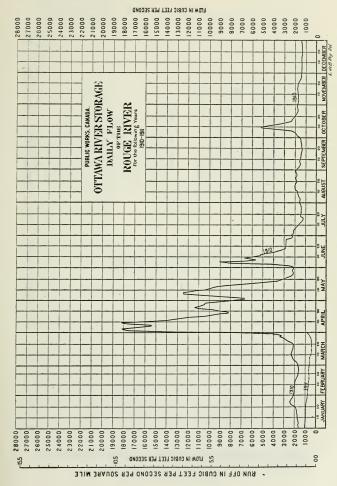
	I	DISCHARGE IN	SECOND-FEE	r	Run-off, Depth in inches
Month.	Maximum.	Minimum.	Mean.	Per square mile.	on Drainage Area.
1910.	2,450	1,600	1,870	1.050	1.211
anuary ebruary farch	2, 100 7, 250	1,600 1,700	1,850 2,960	1.039 1.662	1.082 1.916
The period	7,250	1,600			
1910–11.	10.000	7 050	11 000	6.342	7.025
pril day une	18, 200 12, 400 9, 050 2, 300 2, 000 1, 900 5, 200 1, 800 1, 400 1, 050 800 800	7, 250 2, 100 2, 100 1, 200 1, 500 1, 350 1, 600 1, 400 1, 300 800 600 400	11, 290 6, 310 4, 110 1, 700 1, 790 1, 550 2, 410 1, 670 1, 390 940 700 540	0·342 3·544 2·308 0·955 1·005 0·871 1·354 0·938 0·781 0·528 0·393 0·303	1.02 4.09 2.576 1.10 1.15 0.97 1.56 1.04 0.90 0.60 0.40 0.34
The year	18,200	400	2,870	1.610	21.85
1911~12.					
pril fay une up:	21,500 28,400 8,100 2,500 1,900 1,050 3,200 6,400 2,200 1,350 1,050	800 2,500 1,050 950 900 850 950 1,400 1,350 1,050 900	6,380 11,940 4,380 1,620 1,250 920 930 1,640 2,800 1,830 1,180 920	3·58 6·71 2·46 0·91 0·70 0·52 0·52 1·57 1·03 0·66 0·52	4.00 7.7. 2.7. 1.00 0.88 0.55 0.60 1.00 1.88 1.11 0.7
The year	28,400	800	2,980	1.67	22.8
April 1912-13. May. une. uly. ugust ugust spetember. November. December. lamauty ebruary. March	12, 150 4 770	960 4,595 2,770 1,090 940 1,710 2,075 1,710 1,710 1,370 1,200	10, 841 7, 823 5, 704 1, 567 2, 226 2, 246 1, 959 5, 241 3, 439 2, 720 1, 877 6, 499	6·090 4·395 3·204 0·880 1·251 1·262 1·100 2·945 1·931 1·528 1·054 3·651	6·79 5·06 3·57 1·01 1·44 1·40 1·26 3·28 2·22 1·76 1·09 4·21
The year	25,450	940	4,347	2.442	35-15
April 1913-14. May	. 18,450 3,790 1,840 940 1,160 - 13,200 7,760 3,250 1,280 1,470	6, 400 3, 000 1, 530 980 722 722 910 3, 380 1, 160 1, 000 890 842	12,541 6,096 2,614 1,292 830 888 3,754 4,920 1,834 1,134 1,094	7·046 3·425 1·468 0·726 0·466 0·499 2·109 2·764 1·030 0·637 0·615	7.86 3.94 1.63 0.83 0.53 0.55 2.43 3.08 1.18 0.73 0.64
March	1,775	042	907	0.049	0.0.

Monthly Discharge of Rouge River near Table Falls for 1914–1915. (Drainage area, 1,780 square miles.)

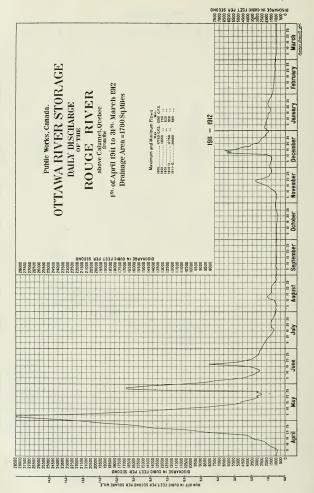
	Г	DISCHARGE IN SECOND-FEET.			
Month.	Maximum.	Minimum.	Mean.	Per square mile.	inches on Drainage Area.
April 1914–15. Agy une up 1915 September betober been ber been ber	10,650 10,650 2,530 2,350 1,014 995 2,530 3,160 5,910 2,530 2,070 1,860	1,200 2,210 1,300 1,057 600 404 228 1,250 1,250 1,200 1,057 1,250	3, 857 5, 137 1, 734 1, 568 809 695 1, 037 2, 034 2, 058 1, 780 1, 334 1, 535	2·167 2·887 0·974 0·881 0·454 0·390 0·583 1·143 1·156 1·000 0·749 0·862	2·418 3·322 1·08 1·010 0·522 0·433 0·67: 1·27(1·33) 1·15: 0·78(0·99
The year.	10,650	228	1,969	1.106	15.01

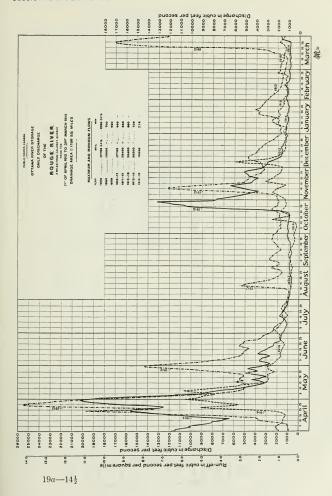


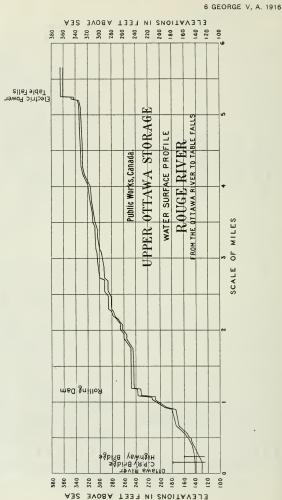
DISCHARGE IN CUBIC FEET PER SECOND



19a - 14







DEPARTMENT OF PUBLIC WORKS

OTTAWA RIVER AT GRENVILLE, QUE.

Records Available.—Staff gauge readings for the head and foot of the Grenville canal from 1st January, 1871, to date.

Drainage Area.—54,330 square miles, to head of Grenville canal.

OTTAWA RIVER AT CARILLON, QUE.

Records Available.—Staff gauge readings for the head and foot of the Carillon canal from 1st January, 1870, to date.

Drainage Area.—54,500 square miles to Carillon.

 $Discharge\ Measurements. {\bf --Made\ from\ a\ launch\ about\ 2\ miles\ below\ Carillon,}$ Que.

Discharge Curve.—The curve related to the lower Carillon gauge is not well defined owing to considerable variation in levels caused by winds on Oka lake, and to a certain extent by the opening and closing of the lock gates. The levels at the upper Carillon and lower and upper Grenville gauges are affected to a small extent by the opening and closing of the lock gates.

Winter Flow.—Discharge relation affected by ice.

Discharge Measurements of the North River near St. Andrews, Que.

(Drainage area, 700 square miles.)

Date.		S. S.	Discharge in Secft.
1905. Jan. 19 June 3	C. E. Gauvin		1250 883
1907. Aug. 15 Sept. 13	S. B. Johnson		434 387
1910. Sept. 12			698
1912. June 12			4,300
1913. Nov. 15	J. A. Beauchemin		1,584
1914. Mar. 16 " 16 Sept. 5	G. M. Brown		440 370 360
1915. Jan. 5 " 16 " 29 Feb. 9 " 22 Mar. 3 " 11 " 15	C. Y. Steele.	109 · 84 109 · 14 108 · 94 108 · 59 110 · 24 109 · 19 109 · 39	404 1,340 712 551 597 850 1,197

¹Estimated

DISCHARGE MEASUREMENTS of the Rigaud River, Que.

(Drainage area, 175 square miles.)

Date.	Made by	W. S. Elevation.	Discharge in Secft.
1905. April 5 June 7	J. Gillespie O. Stitt.		2,000 30
1913. Nov. 14	J. A. Beauchemin		170
1914. Mar. 17			70

DISCHARGE MEASUREMENTS of Ottawa River at Carillon.

Date.	Made by	/Elevations at Upper Grenville.	Elevations at Lower Grenville.	Elevations at Upper Carillon.	Elevations at Lower Carillon.	Discharge at Carillon.	Discharge from Lake of Two Mountains.
1907. May 29 Aug. 17 Sept. 14	C. E. McNaughton S. B. Johnson	136-66 129-99 128-91	94·59 87·09 86·09	92·00 86·25 85·50	76·45 71·60 70·70	Secft. 195,800 47,500 33,040	Secft. 200,890 48,650 33,930
June 13	D. H. Philp	137 · 16	94 - 67	92 · 50	75-85	168,010	172,380
1910. Sept. 10	S. B. Johnson	129 · 24	86-25	85 · 60	70.85	34,640	35, 870
1911. July 21 Oct. 19	S. B. Johnson	129·83 126·91	87·00 84·90	85·92 83·92	71·37 69·53	44,270 21,630	45, 420 22, 190
June 6-11 July 6 " 16 Aug. 19	A. A. Anderson. W. E. Blue. "	137 · 58 132 · 62 131 · 66 129 · 78	94·92 89·67 88·59 88·92	92·37 88·29 87·50 86·12	77·38 73·37 72·53 71·53	185, 920 86, 390 74, 050 49, 110	193,070 88,640 75,980 50,390
1913. May 13 Sept. 8 " 8 Nov. 13 " 13	A. M. Kirkpatrick " J. A. Beauche in.	127 - 91	94·59 85·38 85·38 87·84 87·84	91·37 84·50 84·50 86·79 86·79	77.08 70.28 70.28 72.20 72.20	167, 350 43, 140 33, 410 66, 370 61, 200	171,700 44,260 34,280 68,970 63,720
1914. Mar. 12 " 14 Sept. 17-19 Dec. 3 " 12 " 16-18 " 18 " 29	G. M. Brown Bruce Ross J. A. Beauchemin Bruce Ross J. A. Beauchemin	128 · 24 127 · 73 128 · 66 128 · 41 128 · 24	89-00 88-34 84-34 85-59 85-34 86-23 85-17 85-59	86·75 85·71 83·54 85·00 84·83 85·48 85·17 84·54	71·53 71·53 69·70 70·49 70·70 70·37 70·28 70·12	24,040 26,300 21,080 38,930 32,300 31,500 26,770 21,660	24,670 26,980 21,760 39,940 33,140 32,320 27,470 22,220
1915. Jan. 5 " 12 " 14-15 " 27-28 Mar. 2 " 11-12 " 15-16 " 17 " 19 " 23 " 24 " 30	Bruce Ross J. A. Beauchemin	128-08 127-95 127-70 127-33 128-08 127-45 127-37 127-41 127-41 127-83 128-41	86 · 67 85 · 92 85 · 75 86 · 09 85 · 92 85 · 67 84 · 84 84 · 67 84 · 67 84 · 92 85 · 38 85 · 92	84·33 84·58 84·52 84·33 84·17 84·67 84·06 84·04 84·08 84·04 84·37 84·75 84·75	70·12 70·45 70·37 70·28 69·87 70·62 69·95 69·87 69·87 70·07 70·37	24, 160 26, 040 26, 740 22, 640 18, 990 22, 040 22, 280 21, 830 22, 030 22, 590 24, 760 29, 310 29, 560	24,790 26,720 27,440 23,230 19,480 22,610 22,860 22,400 23,180 30,070 30,330

OTTAWA RIVER AT ITS OUTLETS.

Location of Gauges.—Staff gauges at head and foot of St. Anne's canal.

Records Available.—Readings from upper gauge from 1870 to date. Lower gauge from 1871 to date.

Drainage Area. -55,600 square miles.

Discharge Measurements.—For the total outflow of the river from the Lake of the Two Mountains meterings are made at Carillon (described under Carillon heading), and at the four outlets to the lake. In order to arrive at the total flow of the river from the Carillon meterings the run-off from the 1,100 square miles of drainage area between Carillon and Montreal has to be taken into decount. Of this drainage area, 875 square miles are taken up by the watersheds of the North and Rigaud rivers. These rivers have been metered a sufficient number of times—as is shown by the lists—to give a fair knowledge of this extra run-off.

Discharge Curve.—The curves for the four outlets are all referred to the Upper St. Anne's gauge and may be considered fairly accurate.

DISCHARGE MEASUREMENTS of the Four Outlets of the Ottawa River in the vicinity of Montreal.

Date.		DISCHARGE IN CUBIC FEET PER SECOND.						
		St. Anne's.	Vaudreuil.	Prairies River.	Prairies and Mille Rivers	Mille Ile River.	Totals of Four Branches.	Upper St. Anne's Gauge.
Septemb	1903. er 14			26,880				70-57
May "	1905. 20. 22. 24.		29,880	64,530	82,000	17,560		74·82 74·82
"August	24 20–24 2 3 4	41,400		34,770	38,250	3,490		74 · 82 74 · 82 71 · 42 71 · 42
" Novemb	5 2–5		3,860				54,450	71·32 71·37 71·37 70·92 70·92
"	4				29,650	1,240	49,850	70.82 70.67 70.82
July "	1906. 18	11,840	7,940	34,660	37,520	2,860		71·57 71·42 71·22
" March	18-21. 1907.						57,300	71 · 22 71 · 42 70 · 97
May " June	30	50,780	48,590	72,030		18,640		75·47 75·32 75·32 75·07
Septemb	1908.			22,320	23,660		190,040	75-17 70-47
June "	15 17 18 20–23		39,280	64,970	81,980	17,010		75-57 75-32 75-17 74-69

6 GEORGE V, A. 1916

DISCHARGE MEASUREMENTS of the Four Outlets of the Ottawa River in the vicinity of Montreal—Concluded.

DISCHARGE IN CUBIC FEET FER SECOND.								
Date.		St. Anne's.	St. Anne's. Vaudreuil.	Prairies River.	Prairies and Mille Rivers.	Mille Ile River.	Totals of Four Branches.	Upper St. Anne's Gauge.
	1912.							
une	18	. 42,390		57,630	74,080			74 - 1 74 - 1
" 22	-24 19	21,340	26,650					74 71
uly "	20		10,280					
ugust	26	7,760		33, 290				71 · 70 · 70 · 70 · 70 · 70 · 70 · 70 ·
44	27		7,820			1,260		70 -
eptember "	14			27,370				
ctober	8			24,670		9 20		70
ovember	6			39,440				70 · · · · · · · · · · · · · · · · · · ·
**	8					12,210		73 -
	1913.			E 0 100	74 700			74
lay une	4			5 8,160	74, 760 63, 600 57, 280			74 · 73 · 72 · 72 · 70 · 70 · 70 ·
14	14				57,280			72.
ly	8				43,080 38,570			70-
u	12				39,230 34,710 33,240			70- 70-
66	25				33,240			70
ugust	4				28,130 26,880			70 - 70 - 70 -
**	15				20,000	960		70 -
" 15	16 -16			15,950	16 910			70 ·
"	20			12,570	16,910 13,550 19,620	980		60.
" eptember	28			12,570 18,910 19,300	19,620	710		69 - 70 -
ctober	1			18,890				
44	3 1-3				20,030	1,140		70 ·
"	7			18,290				
44	9			20,120		1,110		69 69 69 69 69
16	8-9			19,140	21,230		,	69
66	13 14			19,140		1,090		- 69
" 13	1-14			26,830	20,230 28,560 42,260	1,730		69
66	22 27			37,460	42,260	4.800		71
"	28. 29.			35,760		8,140		71
	3-29			33,100	43,900			71
lovembe	r 6			34,190		3,740		71 -
**	6-7			01,100	37,930			70: 71: 71: 71: 71: 71: 71: 71:
	1914.	1					1	
lay	28				46,230 39,620 35,900			72
une	22				35,900			71
" uly	26				38,860 36,020 34,350 33,750			72 71 71 71 71 71 71 71 70 70
64	11				34,350			71
44	1523				33,750 28,880			71
"	27				28,880 24,840			70
ugust	7				21,350 21,540			69 69
46	19							69
Septembe	27r 1				15,640 16,740			69- 69- 69- 69- 69- 69-
"	12	2,860	0.020					69
"	15 17	3,680	2,830		15,380 16,250			69
44	22				16,530 14,400			69
44	30				14,410			69
October	14				14,190 14,420			68 · 69 ·
	r 3				16,830		1	69

Monthly Discharge of Ottawa River near-Montreal for 1912-1915.

(Drainage area, 56,000 square miles.)

				7,000 Equite				
	• D	ISCHARGE IN	Second-Feet		Run	-Off.		
Month.	Maximum.	Minimum.	Mean.	Per square mile.	Depth in inches on Drainage area.	Per cent. of Rainfall.	Tempera- ture.	Rainfall, inches.
1912-1913. May June July August. September October November December January February March	158,500 221,000 229,000 106,500 53,200 41,550 74,500 112,070 96,100 52,700 54,000	25,500 134,500 110,600 53,200 39,000 35,000 71,900 47,250 42,250 40,750	105,075 165,008 162,637 75,174 45,942 40,208 44,652 88,106 73,702 53,243 46,330 77,645	1·876 2·947 2·904 1·342 0·820 0·718 0·797 1·573 1·316 0·950 0·827 1·386	2-094 3-398 3-240 1-547 0-945 0-801 0-919 1-755 1-517 1-095 0-861 1-598	97 69 162 55 23 20 31 58 68 29 52		2·15 4·94 2·00 2·80 4·06 3·99 3·01 3·06 2·24 3·76 1·67 **3·22
The year	229,000	35,000	81,574	1.457	19-770	54	-	36.90
1913-14. May June June July August. September October November Jeeember January February March	168,800 201,000 115,950 58,540 43,060 36,920 65,030 76,740 80,290 48,500 35,450 70,350	143, 450 116, 900 59, 720 43, 450 34, 540 31, 820 34, 880 54, 530 49, 500 32, 750 31, 000 25, 750	153, 485 156, 400 85, 027 48, 937 37, 827 34, 631 43, 576 66, 711 65, 717 37, 255 32, 716 34, 243	2·741 2·793 1·518 0·874 0·675 0·618 0·778 1·191 1·174 0·665 0·584 0·611	3.059 3.220 1.694 1.008 0.778 0.690 0.897 1.329 1.354 0.767 0.608	164 148 128 37 22 24 21 43 68 27 31 37		1·87 2·18 1·32 2·70 3·52 2·84 4·12 3·07 1·98 2·88 1·95 †1·87
The year	201,000	25,750	66,450	1.187	16-108	53		30.30
1914-15. April. May June July August September October November January February March	113,000 127,500 76,000 59,000 30,800 20,000 19,200 30,000 44,000 28,600 28,600 38,300	44,200 77,000 54,000 31,600 21,500 16,300 16,000 23,200 21,200 20,200 22,100	68, 617 109, 081 62, 750 45, 394 25, 523 18, 440 17, 471 23, 313 29, 884 25, 352 21, 754 25, 977	1·223 1·948 1·121 0·811 0·456 0·329 0·312 0·416 0·534 0·453 0·388 0·464	1·365 2·246 1·251 0·935 0·526 0·367 0·464 0·616 0·522 0·404 0·535	57 206 46 62 21 13 14 15 31 23 19	37.8 58.8 62.0 68.2 65.8 58.8 49.2 31.3 18.7 12.9 17.0 22.8	2·39 1·09 2·71 1·51 2·49 2·90 2·61 3·12 1·99 2·32 2·32 2·15
The year	127,500	16,000	39,463	0.705	9-591	33	41.9	25-68

^{*} Bark Lake figures not available for precipitation means of fiscal year 1912-1913.

**Mean month pres not available for precipitation at Quine dam. Transikaming, and Bark lake (Ottawa Massa month) and the precipitation computed from observations at Quine dam. Transikaming, and Bark lake (Ottawa Storago). Halleybury-cipitation computed from the precipitation of 1912-18 from April to June 15 and Dec. 13, 1912, to March 31, 1913, from plotted discharge at Upper Carillon. Discharges obtained from Upper Grenville 1913-44 and from Dec. 18, 1913, to March 30, 1914, from plotted discharge at upper Grenville.

6 GEORGE V, A. 1916

Annual Run-off of the Ottawa River at North Timiskaming, below Timiskaming dam, at the Chaudière falls, at Besserer's Grove, and at Montreal.

NORTH TIMISKAMING

NO	RTH TIMI	SKAMING.				
Year.	Maximum.	Minimum.	Mean.	Secft. Per square mile.	Per cent of precipi- tation.	Precipi-
	Secft.	Secft.	Secft.			Inches.
1909–10	78,000	4,600	17,400	1.80	85	29.
910-11 911-12	31,600 46,800	2,800 2,500	13,400 12,300	1·38 1·26	66 54	28· 31·
	56,600 39,700	3,100 3,400	16.000	1 · 65 1 · 25	65 57	34 · 30 ·
1913–14 1914–15	25, 200	2,040	12,200 6,340	0.65	34	26.
The period	78,000	2,040	12,940	1.33	60	30 -
В	ELOW TIM	ISKAMING			-	
907-08	61,800	6,000	21,500	1.19	57	28
1908-09. No records. 1909-10.	102,000	7,900	27,500	1.52	76	27-
910-11	50,500 90,000	5,900 7,500	21 000	1·21 1·24	61 59	26-
911–12. 912–13. 913–14.	63,600 70,200	9.120	22,500 22,700 22,300	1.26	51	28-
913-14 914-15	70,200 40,800	7,040 4,620	22,300 11,800	1 · 23 0 · 65	51 33	32 26
The period	102,000	4,620	21,400	1.19	55	29
(CHAUDIER	E FALLS.			·	
902–03 903–04	94, 100 85,000	13,100 9,100	42,200 32,800	1·22 0·95	48 43	34 29
904-05	146,000	9,600 13,700	45,700	1.32	55	32
905–06. 906–07. 907–08. No records.	79,700 98,200	13,700 9,940	30,700 29,500	0·89 0·85	60	30 26
907-08. No records.		1			1	
908-09 909-10	15,300 158,000	16,500 16,000	41,900 49,800	1.21	61 65	26 30
909-10 910-11	158,000 75,500	6,800	49,800 34,700	1.00	63	25
911-12 912-13	106,000 117,300	12,500 14,200	33,500 40,700	0.97 1.18	46 46	28 34
912–13. 913–14. 914–15.	117,300 114,700 74,500	14,200 15,500 8,800	40,700 35,500 21,900	1.03 0.63	47 35	29 24
The period	158,000	6,800	36,600	10.6	51	29
В	ESSERER'	S GROVE.		1	<u>.</u>	
866-67	147.000	24,000	65,300	1.44	59	37 · 27 ·
867-68 868-69	147,000 171,500 114,000	16,500 12,000	76,200 36,200	1° 68 0 · 80	62 69	27 20
869-70	185.000	22,500 13,800	64.700	1.42	79	37
870–71 871–72	198,500 170,500	13,800 9,600	45,900 44,400	1.01 0.98	70 67	26 25
872–73	161.300	18,200	48, 200	1.06	47	35
873–74 874–75	195,000 168,500	23,500 12,500	61,400	1.35		
875-76	185,500	21,800	48,000	1.06	68	31
876–77 877–78	252,000 89,500	12,700 16,500	63,500 37,300	1·40 0·82	110 46	27 29
878-79	91,500	20,300	50,400	1.11	39	45
879-80. 880-81.	199,500 189,500	15,500	51,600 46,600	1.11	59 44	32 40
881-82	147,800	19,300 10,700	38,500	0.85	47	32
882-83 883-84	150,500 132,000	17,000 25,000	55, 200 62, 100	1.21	42 50	39 37
884-85	154,500	24,000	62,100 56,300	1.24	59	28
885-86. 886-87	162,000 192,300	25,000 22,800	61.100	1 · 34 1 · 23	60 51	30
887-88	192,300 193,000	8,300	55,900 41,700	0.92	51	24
888-89 889-90	192,300 148,800	21,700 18,800	52,300 55,700	1·15 1·22	62 54	25 29
890-91	175,500	17,500	60,600	1.39	61	30
1891-92	166,000	20,200	56,400	1.24	57	28

Annual Run-off of the Ottawa River at North Timiskaming, below Timiskaming dam, at the Chaudière falls, at Besserer's Grove, and at Montreal.—Concluded.

BESSERER'S GROVE-Concluded.

Year.	Maximum.	Minimum.	Mean.	Secft. Per square mile.	Per cent of precipit- ation.	Precip tation.
	Secft.	Secft.	Secft.			Inches.
1892-93 1893-94 1894-95 1894-95 1897-97 1897-98 1898-99 1899-1900 1899-1900 1901-02 1902-03 1903-04 1904-05 1904-05 1904-05 1905-07 1906-07 1907-08	94, 500 167, 500 167, 500 151, 500 205, 200 176, 000 108, 200 207, 000 122, 000 125, 000 188, 500 125, 000 187, 000 19, 000 119, 000 121, 000 141, 000 141, 000	14, 300 21, 500 18, 000 18, 800 21, 200 21, 500 28, 300 23, 000 23, 200 16, 000 29, 300 29, 300 19, 300 12, 300 12, 300 12, 300 10, 600	44,500 58,100 54,400 49,900 58,000 59,800 52,200 59,100 55,000 52,500 62,300 52,100 40,100 40,100 45,100 45,900	0.98 1.29 1.10 1.28 1.32 1.15 1.30 1.21 1.16 1.37 1.14 1.48 0.99 0.88 1.26	43 45 52 47 54 48 56 53 45 52 45 45 52	30.6 38.9 31.4 32.3 32.0 32.6 33.0 32.5 30.9 34.9 32.6 30.9 29.9 29.9 32.6 30.2 26.6 30.2
1909-10. 1910-11. 1911-12. 1912-13. 1913-14. 1914-15. The period.	231,000 123,000 152,500 166,500 158,800 95,500	22,300 11,500 16,000 22,100 21,200 13,000	70,000 44,600 45,500 63,700 52,700 28,900 52,800	1.53 0.98 1.00 1.40 1.16 0.64	53 48 55 54 35	30·1 25·4 28·5 34·9 29·3 24·9

AT MONTREAL.

1912–13	201,000	35,000	81,600	1·46	54	36·9
1913–14		25,800	66,400	1·19	53	30·3
1914–15		16,000	39,500	0·70	33	25·7
The period	229,000	16,000	62,500	1 · 12	47	21-0

Annual Run-off of the Tributaries of the Ottawa River.

NORTH TRIBURARIES.

KIPAWA RIVER AND GORDON CREEK.

Year.	Maximum.	Minimum.	Mean.	Secft. Per square mile.	Per cent of precipit- ation.	Precipitation.
	Secft.	Secft.	Secft.			Inches.
1913-14. 1914-15.	6,710 4,420	1,070 380	3,230 1,200	1·52 0·56	62 26	33 · 1 28 · 8
The period	6,710	380	2,215	1.04	44	31.0

GORDON CREEK.

1912-13 1913-14 1914-15	3,190	340 220 70	1,550		
The period	3,190	70	1,280		

6 GEORGE V, A. 1916

Annual Run-off of the Tributaries of the Ottawa River—Continued. Black river.

BLACK	RIVER.				
Maximum.	Minimum.	Mean.	Secft. Per square mile.	Per cent of precipi- tation.	Precipi- tation.
Secft.	Secft.	Secft.			Inches.
9,550 7,000 8,100 7,270 7,200 4,160	700 300 370 260 270 210	2,670 1,620 1,440 2,140 1,340 770	2·65 1·69 1·76 2·26 1·41 0·81		
9,550	210	1,660	1.76		
COULONG	E RIVER.				
13,400	900				
13,800 35,800 20,200 10,250 9,930 13,210 7,640	650 900 1,500 700 550 140 230	6,210 5,050 2,400 2,800 2,430 1,360	3·41 2·72 1·33 1·54 1·33 0·75		
35,800	140	3,375	1.85		
GATINEA	U RIVER.	<u>' </u>	·		
44,300 42,200 36,200 31,500 59,000 32,900 30,100 41,700 63,500 47,600 49,900 49,900 54,000 28,800	6,600 4,600 4,600 7,000 7,300 3,300 1,180 2,440 2,450 2,160 3,160 3,330 1,620	13, 900 12, 200 14, 300 14, 150 16, 500 10, 970 9, 230 14, 700 14, 030 18, 580 11, 140 14, 720 12, 500 7, 000	1·55 1·35 1·58 1·57 1·84 1·22 1·03 1·69 1·56 2·06 1·32 1·24 1·61 1·37 0·77	66 42 63 62 80 57 65 62 80 76 62 56 54 65 39	32- 37- 34- 34- 31- 28- 26- 37- 32- 37- 29- 30- 40- 28-8
76,000	1,180	13,000	1.45	62	32.
LIEVRE	RIVER.				
18,400 17,700 23,700 25,700 26,100 9,500	1,500 2,000 1,200 1,160 860 730	3,600 4,530 4,650 7,000 3,570 2,840	0·89 1·12 1·15 1·73 0·88 0·70		
26, 100	730	4,365	1.08		
ROUGE	RIVER.				
18,200 28,400	400 800 940	2,870 2,980 4,350	1.61 1.67 2.44		
25, 450 20, 200 10, 650	720 230	3,160 1,970	1·77 1·11		
	Maximum. Secft. 9,550 7,000 8,190 7,200 4,160 9,550 COULONG: 15,400 9,550 COULONG: 13,400 13,800 14,900 14,900 14,900 14,600 14,600 15,800 17,700 18,400 17,700 23,700 24,100 18,400 17,700 23,700 26,100 18,400 26,100 ROUGE	Maximum. Minimum. Sec.4t. Sec.4t. 9,550 700 7,000 300 7,000 300 7,000 200 7,200 270 9,550 210 COULONGE RIVER. 13,440 900 13,500 900 20,200 1,500 900 20,200 1,500 900 20,200 1,500 900 20,200 1,500 900 20,200 1,500 900 35,500 900 35,500 900 35,500 900 35,500 900 35,500 900 36,500 900 37,760 200 38,500 140 GATINEAU RIVER. 44,300 4,600 31,500 7,300 32,900 5,300 30,100 7,300 32,900 5,300 43,500 1,100 31,500 7,300 32,900 3,300 443,500 1,100 34,500 1,100 54,000 3,300 76,000 2,450 96,000 1,180 LIEVRE RIVER. 18,400 1,500 76,000 1,180 LIEVRE RIVER. 18,400 1,500 22,700 1,600 23,700 1,600 23,700 1,600 23,700 1,600 25,700 1,100 25,700 1,100 26,100 590 26,100 730 ROUGE RIVER.	Maximum. Minimum. Mean. Sectt. Sectt. Sectt. 9,550 700 2,670 7,000 300 1,620 7,200 270 1,440 4,160 210 770 9,550 210 1,660 COULONGE RIVER. 13,400 900 1,200 10,250 700 2,400 10,250 700 2,400 10,250 700 2,400 10,250 700 2,400 10,250 700 2,400 10,250 700 1,350 10,250 700 2,400 10,250 700 1,350 10,250 700 1,350 10,250 700 1,350 10,250 700 1,350 10,250 700 1,350 10,250 700 1,550 10,250 700 1,550 10,250 700 1,550 10,250 700 1,550 10,250 1,550 10,250 700 1,550 10,250 700 1,550 10,250 700 1,550 10,250 1,550 10,250 700 1,550 10,250 700 1,550 10,250 700 1,550 11,350 11,350 1,550 11,3	Maximum. Minimum. Mean. Per square mile. Sec.4t. Sec.4t. Sec.4t. 9,550 700 2,670 2.670 7,000 300 1,620 1.620 7,200 270 1,440 2.70 7,200 270 1,340 2.40 7,200 270 1,340 2.40 1,4160 210 770 0.41 4,160 210 770 0.41 9,550 210 1,660 1.76 COULONGE RIVER. 13,400 900	Maximum. Minimum. Mean. Per square profession. Sec.4t. Sec.4t. Sec.4t. 9,550 7000 2,670 2.655 7,000 300 1,620 1-69 7,200 270 1,440 1-78 7,700 270 1,440 1-78 9,550 210 1,660 1-76 COULONGE RIVER. SCOULONGE RIVER. 13,400 6,600 6,210 3.41 13,500 600 6,210 3.41 13,500 600 6,210 3.41 13,500 600 6,210 3.41 13,500 600 6,210 3.41 13,500 600 6,210 3.41 13,500 600 6,210 3.41 13,500 600 6,210 3.41 13,500 600 6,210 3.41 13,500 600 6,210 3.41 13,500 600 1,350 1.75 14,500 1,350 1.75 15,500 1,350 1.75 16,500 1,350 1.75 16,500 1,350 1.75 16,500 1,350 1.75 17,640 1.30 1.35 18,500 1.35 18,

Annual Run-off of the Tributaries of the Ottawa River—Concluded.

South tributaries.

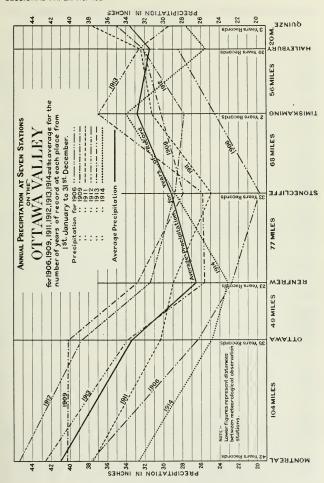
Petawawa river.

P	ETAWAWA	RIVER.				
Year.	Maximum.	Minimum.	Mean.	Secft. Per square mile.	Per cent of precioi- tation.	Precipitation,
	Secft.	Secft.	Secft.			Inches.
1910-11 1911-12 1913-14 1914-15	5,100 4,600 6,760 4,310	200 260 60 230	1,550 1,100 1,620 1,010	0·97 0·69 1·02 0·63	71 33 51 34	19·5 28·4 27·1 25·8
The period	6,760	60	1,320	0.83	47	25.2
Ве	ONNECHE	RE RIVER				
1909–10. 1910–11. 1911–12.	5,170 1,750 2,600	140 70 30	1,030 420 570	1 · 13 0 · 46 0 · 63	51 23 30	30 · 29 · 1 28 · 5
The period	5,170	30	673	0.74	35	29 · 2
M.	ADAWASK.	A RIVER.				
1909-10. 1910-11. 1910-12. 1911-12. 1911-13. 1913-14. 1914-15. The period.	20,000 13,500 9,200 21,500 17,600 7.600	700 700 520 1,050 720 820	4,340 2,480 2,160 4,760 2,760 1,740 3,040	1·35 0·77 0·67 1·48 0·86 0·54		
sot	TH NATIO	ON RIVER		·		
1910-11 1911-12 1912-13 1913-14 1914-15	3,500 37,200 27,400 21,100 17,800	50 20 60 40 40	460 1,190 2,920 1,420 1,090	0·32 0·83 2·03 1·00 0·76		
The period	37, 200	20	1,416	0.99		

Number of Days of Different Run-Offs and Relation Between Precipitation and Run-Off of the OTTAWA RIVER

BESSERER'S GROVE

	DRAINAGE AREA = 45473 SQ MILES RUN-OFFS IN CUBIC FEET PER SECOND YEARDLY PERCENTAGE ANNUAL													
YEAR	(0.25	N - OF 0.25		0.75	3IC F		PER S	ECO	ND 5	YEARLY	PERCENTAGE OF PRECIPITATION	PRECIPITATION	REMARKS	
TEAR	DAYS	DAYS	_		<u> </u>	2 DAYS		DAYS	DAYS	MEAN Run Off	REACHING	ININCHES	ILEMARKS	
1844 1845 1846 1847	15	13 85	15 67 109	237 62 50	50 170 43	34 19 63	30 17	17		1.07 C.F.S 1.12 78			NO REPORTS	
1848 1849 1850 1851 1852 1853 1854 1855 1856 1857 1858 1859 1860 1861		23 56 31 42 50 62 25	117 108 52 135 111 108 59 75 48 37 115 60	71 82 57 89 83 37 77 51 95 94 68	126 63 116 88 89 113 174 166 149 151 108 142	30 57 57 53 33 35 6 43 73 37 34 27	21 32 28 18 30 30 19 15 25 25	18		.99 1.08 1.09 90 92 1.00 78 1.14 1.07 99 95			-DO-	
1862 1863 1864 1865 1866 1867 1868 1869 1870 1871	8 40	3 50 41 90 85 156 92 73 120 62	117 123 92 77 10 49 90 2 86 95 43	95 48 51 27 56 110 40 73 113 22 66	104 117 101 114 134 49 122 44 61 95	40 34 41 96 27 31 41 15 44 37	16 29 4 45 20 18 23 23 35	15 7 16		81 1.06 .96 1.08 .61 1.02 .93 .85 .92	41.4 % 64.6 68.1 46.4 58.6 51.9 45.6	40.8 INS 30.8 16.8 37.6 26.4 28.7 30.9	TOTAL PRECIPITATIONS FOR JANUARY 1865 AN AUGUST 1867 WERE COMPUTED BY COMPAS SON	
1873 1874 1875 1876 1877 1878 1879 1880 1881 1882	17	48 112 91 47 109 6 32	67 85 57 68 76 110 98 126 114 45	40 67 110 115 92 79 21 77 24	133 43 64 46 88 170 148 89 38	36 20 26 36 32 27 49	35 42 19 34 22 31 11 16	6 4 17 8 11	13	1.12 88 85 1.27 61 78 1.07 1.12 65 1.08	568 55.8 65.1 33.1 36.4 58.9 47.3 34.4 43.1	26.4 26.4 31.8 29.2 43.4 33.4 38.2 33.8 41.7		
1883 1884 1885 1886 1887 1888 1889 1890 1891 1892	18	133 72 17 55 4	7 66 85 65 108 90 133 38 58 70	150 77 110 154 20 61 65 122 38	132 163 87 92 44 60 80 109 156	76 38 43 28 34 29 62 44 30	22 40 14 20 31 8 52 28	12 6 5		1.10 1.08 1.15 1.06 94 95 1.27 1.02	50.9 65.6 56.2 51.3 51.2 55.6 55.0 81.1 53.7 45.8	35.4 29.8 32.8 32.5 27.5 26.5 29.1 25.7 31.8		
1893 1894 1895 1896 1897 1898 1899 1900		48 70 70 9 20	107 54 121 87 73 54 115 47 154	76 61 70 70 117 81 90 71	171 69 106 38 136 110 142 85 182 32	21 49 55 35 29 68 32 48 52	30 25 11 21 36 30 5	14 8 13		1.04 1.01 85 1.09 1.10 1.02 1.14 1.02	49.3 52.4 48.8 52.7 62.9 52.3 58.9 51.1 47.7	366 323 302 31.2 32.8 32.8 32.8		
1902 1903 1904 1905 1906 1907 1908 1909		7 82 57 93 80 118	28 43 33 114 107 25 58 87 135	108 115 64 61 41 150 64 54	135 128 97 104 68 51 52 132 65	94 72 38 29 56 51 30 49	43 8 27 18	9 17 19	6	1.15 1.05 1.16 76 .79 88 1.00	52.0 59.6 58.4 44.4 51.2 51.4 55.8 62.5 53.4	36.0 29.1 33.3 29.9 27.4 30.4 29.5		
1911 1912 1913 1914	15	120	74 125 84 98	56 61 117 28	46 106 93 79	42 55 58 10	12 19 13			.76 1.04 1.26 .72	41.1 51.7 55.0 36.0	30.9 32.8 30.7 26.9	RUN OFFS BELOW O	
MAXIMUM		156	79.3 154	77.8	101.3	96	17.9	3.3	0.3	1.30 ,,	52.5 81.1 .	43.4	SES SLIGHTLY DIFFE- RENT FROM 0 25 C F	
	40	1130	104	63/	102	1 20	1.06	, 19	1 13	1			WERE CONSIDERED I	



Mean Monthly Precipitation.—Precipitation at stations in drainage basin

of Ottawa River.												
	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1882-83. Stonecliffe Pembroke Clontarf. Renfrew. Merrickville. L'Orignal. Montreal.		2·63 4·66 2·04 1·50	4·28 4·95 2·91 3·79	3·85 6·86 2·61 	3·53 4·82 3·58 2·24 3·40 3·63 2·52	5.96 6.45 3.43 3.90 0.25 3.69 3.63	1·93 2·21 1·49 1·15 0·15 2·06 1·34	2·12 3·56 1·34 1·15	0·00 0·04 0·04 0·00 0·02 0·35 0·04	0.02 0.00 0.88 0.34	0 · 72 1 · 07 1 · 73 0 · 43 0 · 52	0·00 0·12 0·00 0·00 0·25
1883–84 Stonecliffe Pembroke Clontarf Renfrew Merrickville Ottawa L'Orignal Montreal	0.87 1.33 2.97	2·96 8·20 4·28 3·97 6·30 5·10 4·41 6·94	6·07 8·90 5·17 5·48 2·63 3·22 3·05 3·45	2·04 3·22 2·21 1·43 2·45 1·33 2·63 4·72	$\begin{array}{c} 4 \cdot 11 \\ 3 \cdot 60 \\ 1 \cdot 24 \\ 1 \cdot 71 \\ 1 \cdot 10 \\ \cdot 45 \\ 1 \cdot 83 \\ 1 \cdot 60 \end{array}$	4·20 8·13 4·21 3·52 2·52 2·32 2·87 3·57	3·81 6·03 2·18 1·70 1·55 2·35 2·46 2·49	$1 \cdot 67$ $4 \cdot 43$ $2 \cdot 19$ $1 \cdot 19$ $1 \cdot 70$ $1 \cdot 62$ $2 \cdot 17$ $2 \cdot 05$	0·08 1·00 0·62 0·07 0·66 1·03			
1884-85. Stonecliffe Pembroke Clontarf. Renfrew Merrickville. Ottawa. L'Orignal Montreal										0·30 0·40 0·29 0·68 0·19 2·00 1·11	0.00 0.00 0.00 0.00 1.00 0.00 0.00 0.50	0-00 0-00 0-00 0-38
1885–86. Stonecliffe Pembroke. Clontarf. Renfrew. Merrickville. Ottawa.	0.97	2·38 2·24 1·42 2·49 1·93 1·53	2·11 2·20 4·28 2·84 4·75 2·62	4·54 3·10 2·63 1·97 3·56 1·84	1·76 2·05 2·27 2·22 1·55 1·91	3·04 2·55 2·83 2·42 5·71 3·18	1·01 2·25 2·30 2·68	1·92 9·10 1·04 1·10	0·29 2·80 0·24 	2·07 2·00 1·00 1·48	1·44 0·90 0·58 1·01	0 · 85 1 · 60 3 · 80 0 · 92
Montreal	1.16	1.66	3.61	2.85	2.46	4.16	7.17	2.27	1.38	1.95	0.70	0.80
Stonecliffe Pembroke Clontarf	1·11 1·15 0·69	0·94 0·63 0·85	4·07 3·00 4·67	2·80 4·40 3·38	5·35 3·30 3·52	3·42 2·05 1·86	2·12 1·90 2·19	1·48 2·00 1·49	0.03 0.00 0.04	0.00 2.50 1.13 North-	0·37 0·70 0·53	0.00
RenfrewOttawaMontreal	1·07 0·75 0·47	0·80 1·74 2·72	3·57 3·11 2 92	3·79 6·77 3·71	2·32 3·47 4·79	1.58 3.99 3.85	1·39 1·79 1·79	1.07 0.35 2.22	0·00 0·00 0·96	0·72 0·25 1·41	0·14 0·00 0·79	0·10 0·00 0·11
1887-88. Mattawa. Stonecliffe. Pembroke. Clontarf.	1 . 77	0·29 1·17 1·60 1·81	3·31 1·93 0·71 2·69	3·00 1·32 1·59 2·00	2·03 1·50 0·06 1·47	1·25 0·70 0·22 0·52	0·71 1·08 0·15 1·91	0·24 0·50 0·78	0·51 0·50 0·84	0.00	0.05	0.98
(Renfrew) Northcote Ottawa Montreal	1.22	1·53 0·39 1·26	2·93 2·45 2·44	1·50 0·94 2·66	0·87 4·38 1·72	0·73 0·74 1·32	1·18 4·67 2·93	0·05 1·09 1·76	0.97 1.74 1.93	Renf'w.	0.00 0.00 0.55	0·00 0·33 1·13
1888-89. Mattawa. Stonecliffe. Clontarf. Renfrew. Merrickville.	0·56 1·20 1·02	1·51 1·89 1·07 1·34	1.03 1.35 1.95 2.08	0·59 1·67 1·05 0·42	3·52 3·99 3·79 4·07	2·65 2·87 2·83 0·99	1·70 2·24 2·39 2·45	1·09 3·42	0·06 0·57 0·82	0·10 0·49 0·00	0·00 0·31 0·60	0-00 0-00 0-00
Ottawa Montreal	2·36 0·80	1·26 1·97	2·45 3·12	0·92 1·32	5·78 7·89	3·28 3·69	2 30 3·82	3·88 5·10	1·76 1·57	1.30 1.59 1.88	0·15 0·02 0·30	0.00
1889-90. Mattawa. Stoneeliffe Clontarf. Renfrew. Merrickville. Ottawa. Montreal.	1·24 0·89 1·57	2·92 3·39 4·93 3·07 2·82 2·97	3·56 4·03 4·15 3·23 3·60 2·82 4·73	3·11 4·16 2·84 3·69 2·75 4·16 7·16	2·52 3·40 3·67 1·20 1·27 2·73	2·64 2·78 2·07 2·14 2·00 2·01 4·62	1 · 66 1 · 24 1 · 70 1 · 41 2 · 75 1 · 57 3 · 34	0·35 2·26 2·58 2·02 2·05 2·09 1·68	0·00 1·42 0·96 0·00 2·60 0·24 3·19	0·10 1·17 0·18 1·53 1·75 1·64	0·42 1·77 0·00 2·06 1·90 2·85	0 · 24 0 · 46 0 · 06 0 · 76 0 · 74 0 · 48
1890-91. Mattawa. Stonecliffe. Clontarf. Renfrew. Merrickville. Ottawa. Montreal		1·75 4·19 1·30	3·66 3·57 2·89 2·98	3·11 3·89 2·16 3·02	1·42 2·34 6·04 4·66	1.66 0.91 1.77 1.55	2·64 1·46 1·10 1·38	0·35 0·20 1·04 1·44	0·00 0·07 0·10 0·00	1·90 3·22 3·92 2·74	0·50 1·78 1·93 1·10	5-0
Ottawa	1·70 1·81 1·80	2·65 2·14 4·85	3·53 2·33 2·72	2·60 2·95 2·78	3.00 5.08 8.08	1.84	2·14 2·69	2·36 2·46	0·21 0·05	2.94	3·59 3·14	3.79

SESSIONAL PAPER No. 19a

Mean Monthly Precipitation.—Precipitation at stations in drainage basin of Ottawa River—Continued.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1891-92. Mattawa Stoneoliff. Clontarf. Renfrew. Ottawa Montreal.	1.38	1·00 1·40 0·72 0·62 0·51 1·71	0·77 1·06 3·62 1·80 3·05 2·75	4·16 4·99 3·70 3·37 8·98 4·80	4·54 3·33 4·13 3·53 3·92 3·70	1·95 2·06 2·74 1·81 1·37 1·03	1.07 2.80 2.28 1.63 2.32 2.53	2·77 3·95 1·76 2·25 3·06	5·55 1·49 1·72 2·29 2·37 3·34	2·88 2·59 1·45 1·35 3·32 4·59	1·48 1·56 2·30 0·95 2·50 3·27	0·75 3·80 0·05 2·52 3·84
1892-93. Mattawa		2.30	3·60 5·77 2·26 6·19 8·01	0.75 1.94 2.09 1.24 2.82 2.95	3·18 3·01 5·88 4·21 5·24	4·53 4·98 2·97 2·06 2·92	1 · 64 1 · 49 1 · 42 1 · 46 1 · 57	2·27 2·55 3·52 3·51 3·70	2·51 2·32 1·50 1·88 2·00	3·62 2·10 2·80 0·72 2·49	1·71 1·24 3·32 0·93 3·12 2·81	1·28 1·46 1·53 0·81 1·29 1·97
1893–1894. Hailey bury. Rutherglen. Mattawa. Stonecliff. Clontarf. Renfrew. Ottawa. Montreal.	2·25 2·50 2·69	40·1 5·84 6·48 5·11 4·69 3·36	3·35 4·29 5·25 4·07 1·11 4·40 4·99	2·09 5·23 4·42 5·67 4·59	2·21 2·64 2·74 4·59 4·90 8·04 7·37	4·04 3·26 3·42 1·72 1·53 3·24 2·40	2·44 1·57 2·82 2·68 1·81 1·18 2·18	2·31 1·68 1·80 1·93 0·40 1·93 1·97	$3 \cdot 37$ $2 \cdot 81$ $3 \cdot 50$ $3 \cdot 01$ $5 \cdot 15$ $1 \cdot 00$ $4 \cdot 91$ $4 \cdot 60$	6.68 4.05 3.88 3.40 4.36 1.40 3.85 28.1	1·33 0·70 0·92 0·68 1·05	3·39 2·96 1·32 1·90 1·56 0·26 1·65 2·19
1894-95. Hailey bury. Mattawa. Stonecliff. Clontarf. Renfrew. Ottawa. Montreal.	0.78 1.03 1.17 0.77 0.71	4·40 3·21 4·33 1·53 3·46 3·73	2·59 2·61 3·92 7·36 3·47 5·36 4·02	2·53 0·69 2·18 2·33 1·66 3·57 2·82	2·08 0·75 1·30 2·01 0·66 1·46 1·80	3·08 3·98 3·23 2·96 0·96 2·01 2·73	4·48 1·79 4·44 5·34 2·75 3·60 4·03	2.65 0.98 1.82 2.11 1.00 2.35 2.10	2·26 1·45 2·94 2·12 0·90 1·98 2·79	2·84 2·90 3·20 2·75 0·35 3·85 3·76	1.00 1.45 0.82 1.70 1.95 2.47	0·54 0·30 0·66 1·75 0·42 0·89 1·01
1895–96. Hailey bury Rutherglen Mattawa Stonecliff Clontarf Renfrew Ottawa Montreal	1 · 23 1 · 41 1 · 35	2·85 3·90 4·29 2·55 3·54 3·31	3·52 2·87 1·45 1·14 5·65 3·74	2·93 2·21 1·89 0·97 3·13 2·38	3·22 1·96 4·04 1·22 3·23 6·92	2·48 0·45 3·02 4·19 1·52 1·68 3·40	0·16 1·13 1·51 0·38 0·41 0·72	0.93 3.57 1.92 3.60 2.30 1.20 2.46 5.07	2·57 3·69 2·20 3·20 3·34 3·04 3·33	2·13 1·93 2·35 1·50 2·70 0·50 0·23 2·08	1·85 1·00 1·10 1·94 6·10 4·03 3·34	1·37 1·10 1·55 1·11 3·22 3 6·73
1896-97. Haileybury. Rutherglen Mattawa. Stoneeliff Clontarf Renfrew Ottawa Montreal.	2·05 1·00 2·05 1·60 0·15 0·84	4·27 2·51 0·63 2·11 0·51 1·41 2·26 2·74	1·18 3·25 2·94 2·40 4·96 4·94 3·34 4·06	4·34 1·87 3·99 5·63 2·85	$\begin{array}{c} 4.45 \\ 4.60 \\ 4.05 \\ 4.07 \\ 4.71 \\ 3.77 \\ 3.91 \\ 5.35 \end{array}$	4·72 4·94 4·56 4·74 4·19 1·08 3·42 3·11	0·79 3·01 2·80 1·92 1·39 4·50 1·24 2·48	$\begin{array}{c} 4 \cdot 35 \\ 3 \cdot 48 \\ 4 \cdot 22 \\ 3 \cdot 85 \\ 2 \cdot 10 \\ \hline \\ \\ \\ 2 \cdot 32 \\ 4 \cdot 20 \\ \end{array}$	0.88 0.90 0.30 0.75 0.73 0.32 1.25 1.12	1·69 2·43 0·60 2·20 2·13 1·45 1·93 3·03	2·35 1·84 2·80 1·70 1·20 0·50 1·92 2·13	2·86 2·39 1·26 3·70 5·46 2·15 4·37 4·05

6 GEORGE V, A. 1916

Mean Monthly Precipitation.—Precipitation at stations in drainage basin of Ottawa River.—Continued.

	April	May.	June.	July.	Aug.	Sept	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Annual.
				_	_								
1897–1898. Haileybury Ruthergien Stoneeliff Clontarf Renfrew Ottawa Montreal	2·04 2·96 4·09 2·46 2·38 1·82 3·27	3·64 3·13 3·49 2·95 1·25 3·31 3·74	3·08 3·56 3·98 2·25 1·86 3·03 3·76	4 - 10	2·65 3·91 3·11 2·91 0·54 3·40 1·95	1·95 0·89 0·55 0·53 0·50 0·45 1·15	5·14 4·05 1·86 1·57 0·89 0·69 0·65	2·30 7·04 3·36	3·28 3·91 4·43 2·82 1·50 4·13 5·94	1·31 2·90 1·81 3·00 2·00 4·30 6·18	3·26 2·55 1·66 2·95 1·80 4·33 5·65	2·74 2·91 0·83 0·62	34·36 36·92 33·28 33·30 19·76 35·57 44·38
1898–1899 Haileybury Rutherglen Stoneeliff Clontarf Renfrew Ottawa Montreal	0·56 0·55 0·53 1·29 0·57 0·75 1·16	3·86 2·91 2·83 3·34 2·51 2·46 2·62	4·38 4·59 2·79 2·87 2·24	0.93	4·38 5·23 4·84 3·99 2·08 3·22 2·56	3·64 3·17 2·94 3·99 4·09 3·48 6·08	4·11 3·66 5·05 3·53 4·91 5·68 4·57		2·34 1·30 2·50 4·25 1·75 3·13 3·20	2 · 24 2 · 29 1 · 97 2 · 92 1 · 00 2 · 16 4 · 62	0.84 0.66 0.74 1.34 0.70 0.87 1.63	3 · 20 3 · 43 5 · 68	35·24 33·38 32·11 33·78 33·97 44·80
1899–1900. Haileybury Rutherglen Stoneeliff Clontari Renfrew Ottawa Montreal	0.98 0.60 1.52 0.73 1.03	4.08 2.59 3.17 3.54 3.82 5.50	2·37 2·97 3·63 2·94 2·37	2·80 8·50 4·94 3·29	1·14 0·43 0·16 0·21 0·36 0·44	3.85 5.56 3.87 2.43 4.93	1·16 2·31 1·94 2·09 3·55 2·47	1.57 1.65 0.58	3 · 44 2 · 15 3 · 05 2 · 89 3 · 24	2.74	3.05 2.99 4.18	1.95 1.38 3.12	28 · 67 30 · 06 30 · 60 38 · 38
Montreal. Haileybury Rutherglen Stoneciff Clontarf Renfrew Ottawa Montreal.	1.63 1.07 0.77 1.33 1.68	1·59 1·44 2·49 2·17 4·05	2·81 3·49 3·33	8·21 3·73 4·22 2·80	2·52 2·46 3·03 4·28 3·03	5·08 7·44 5·20 4·32 3·28	3·39 2·86 1·76 1·58 1·12	2·50 2·04 2·31		2·36 2·27 1·83	0·54 0·45 0·21 1·50	2·70 2·90 1·98	36-32 30-47
Ottawa	0.76 1.46	3.00	3·21 4·37	5·99 7·41	2·72 3·14	3·56 3·62	1 · 4 £ 2 · 03	3·50 7·65	1.60 2.76	3·31 2·98	0.80 2.01		32·10 47·86
Haileybury. Rutherglen	1 · 39 1 · 22 1 · 60 3 · 69	4 - 27	2.21	2·81 2·15 5·50	2 · 36 3 · 99 4 · 79 5 · 30	0.97 1.70 2.38 3.85	5·20 3·50 2·02 0·79		2-98 2-78 2-06 3-39 4-32	4.20	2.88	2·76 3·18 2·68	
Clontari	4-19	2.53	1.97	5.27	5.44	3.95	3-60		4.68	3.02	3.39	6-61	48-72
Haileybury Rutherglen Stonechiff Clontarf Renfrew Ottawa Montreal	2·36 1·37 1·35 2·87 2·74 2·89	2·78 2·83 2·25	2·71 2·90 4·50 4·29	4 · 67 5 · 19 6 · 13 3 · 00 5 · 98	2·18 2·96 2·85 2·12 1·67	4 · 92 4 · 44 3 · 20 4 · 45 1 · 23	4 - 54	3·76 2·92 1·68 2·35 1·95 1·46 3·07	2·23 2·02 2·30 1·60	2.08 1.34 2.01 1.29 2.82	3·31 3·44 3·76 2·07 4·25	2·67 1·11 1·51 1·06 1·35	37-80 34-18
Haileybury Rutherglen Stoneclifi Clontari Renfrew Ottawa Montreal	1·10 0·71 1·12 1·16 0·65 0·95 2·22	2·89 1·99 0·99 0·56 0·12	3·56 3·98 4·96 6·71 6·55	5.70 4.17 3.41 4.26 3.24	3 · 54 4 · 00 2 · 37 1 · 81	4·97 2·70 1·73 1·83 2·14	1.37	1.56 0.71 0.92 0.54 0.69	3·78 2·91 2·73 1·65	1.41 1.80 4.03 2.21 3.82	1 · 32 1 · 12 1 · 98 1 · 34 3 · 20	2·19 3·56 2·42 1·34 4·66	33 · 58 29 · 49 28 · 21 24 · 27 34 · 86
1904-1905. Hailey bury Rutherglen Stonechiff Clonturf Renfrew Ottawa Montreal	4-38 3-04 2-96 3-46 3-07 3-77 3-81	3·08 3·13 4·24	2·49 4·08 3·41 3·21 2·51	1 · 45 3 · 07 3 · 70	3 · 80 4 · 88 4 · 78	7·17 5·90 5·70 5·93 5·09	2.77 2.68 1.92 1.43 1.40	1.57 0.73 0.91	1.04 1.18	2·36 1·48 3·25 3·29	1 · 83 1 · 50 1 · 55 1 · 48	1.38 1.85 0.68 1.20	35 · 14 34 · 79 31 · 32
Haileybury Rutherglen Stoneeliff Clontarf Renfrew Ottawa Montreal	0·99 2·01 0·74 0·75 0·95 1·34	4 · 15 3 · 35 3 · 04 1 · 66	3·90 4·27 4·23	3 · 64 4 · 88 4 · 10	5 · 80 0 · 43 3 · 10	6 · 55 3 · 75 2 · 35	3 · 56 2 · 73 2 · 63	1 · 63 1 · 80 2 · 26 1 · 68 1 · 60	1.82 1.52 2.98 2.33	2·97 1·23	1.68 1.58 1.51 1.14	1 · 52 0 · 50 0 · 72 0 · 90 2 · 15	29 · 96 34 · 23 28 · 70

Mean Monthly Precipitation.—Precipitation at stations in drainage basin of Ottawa River—Continued.

AMMONTAL	April	May.	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Annual.
Haileybury Rutherglen Stoneeliff Clontarf Renfrew Ottawa Montreal	0.85 0.70 0.34 1.88 0.87 1.90	1.75 3.30 2.44 1.95 1.43 1.60 2.37	2·58 2·54 5·41 1·91	0 · 63 2 · 27 1 · 72	3·37 1·81	1·45 2·23 2·21 1·85 1·43 2·37 3·32	3·02 2·74 3·09 3·91 3·44 3·36 3·85	1.55 1.38 2.56 1.48	1·75 1·18 2·51	1.90	0.35 2.08 0.83 1.55 1.37	0.80 1.92 2.07 1.27 2.15	23 · 89 · 21 · 69 24 · 62 25 · 90 39 · 72
1907–1908. Haileybury Rutherglen Stonecliff Clontarf Reafrew Ottawa Montreal		3.88 2.97 2.73 3.18	$3 \cdot 13$ $2 \cdot 58$ $2 \cdot 90$ $1 \cdot 42$ $1 \cdot 30$ $2 \cdot 47$ $3 \cdot 50$	4-63 4-72 4-74 3-78 3-23 3-30	1·78 1·15 1·04 0·71 0·70	6·16 2·36 3·60 4·26 4·41 3·90 4·15	2 · 23 1 · 68 4 · 04 2 · 41 3 · 05	1.66 3.45 6.24 3.74 4.28	1.25	1.89 1.40 2.25	2·75 1·20 2·03 4·33	0·35 0·95 4·24 2·67 3·72 3·75	24·90 28·97 29·16 30·60 37·11 45·32
1908-1909. Haileybury Rutherglen Stonecliff Renfrew Ottawa Montreal		3 · 84 4 · 09 4 · 02 5 · 62 5 · 34 5 · 61	0·72 0·76 0·88 1·71 1·26 0·90	4 · 63 1 · 96 2 · 86 2 · 06 2 · 63 4 · 39	1 · 92 1 · 42 1 · 68 1 · 43	1.90 1.95 2.15 1.40 1.18 1.80	1.98 0.65 1.14 1.80 2.40 1.49	2.64	2·99 1·85 2·98 4·80 3·93 5·35	2 · 29 0 · 67 1 · 33 3 · 14 3 · 36 4 · 58	3·23 2·33 1·24 3·28 3·07 4·06	2·99 1·95 0·95 3·69 3·62 3·95	31·78 21·67 22·19 33·35 32·58
1909–1910. Haileybury Rut herglen Stonecliff Reafrew Ottawa Montreal.	2·82 1·20 1·71 3·37 3·86 3·03	2·84 2·44 3·04 3·85 5·97 5·93	1·77 1·55 0·74 1·02 2·37 1·63	4·89 5·97 6·81 4·69 5·06 3·65	2·40 2·90 1·53 3·06	4.05 2.47 1.79 2.60 3.06 4.96	2·31 1·05 1·71 1·16 1·13 0·89	1·81 2·19 2·51 2·50 3·86 4·06	2·55 1·80 3·20 1·99 1·80 1·39	1.96 2.10 1.19 3.52 3.09 3.95	1·60 1·75 0·71 1·61 1·74 4·65	0·25 0·78 2·12 1·59	29.08 25.17 27.09 29.96 36.59 37.92
Haileybury Timiskaming. Rutherglen Stonecilf Renfrew Ottawa Montreal	2·34 1·35 0·92 2·01 2·06 2·76	3 · 77 4 · 44 2 · 25 2 · 60 1 · 82 3 · 72	1.93 3.01 2.16 1.50 1.43 1.06 3.31	3·17 1·37 2·04 1·87 2·38 3·04	2·91 8·76 6·27 3·21 5·33 4·32 5·89	2·07 2·46 2·21 0·72 2·06 3·33	3 · 36 3 · 20 3 · 08 3 · 08 4 · 06 3 · 65 4 · 79	2·26 1·96 1·70 1·77 1·20 1·72 2·39	1·54 1·25 0·30 0·62 0·95 1·80 2·55	1·20 1·52 0·80 0·67 1·67 1·82 2·45	2·61 2·20 2·15 1·84 2·93 2·70 2·93	1·28 1·52 1·50 1·20 2·29 2·46 3·92	28-44 33-04 25-38 27-85 41-07
Quinze dam Haileybury Kipawa Timiskaming Rutherglen Stonecliff Renfrew Ottawa	3.03 1.09	1·70 2·01 2·50 3·11 2·81 2·79 2·80 2·61	3.98 3.79 *3.87 1.98 4.20 3.45 3.64 4.37	3-90 3-08 3-10 1-53 1-74 1-41 2-79 2-17	3·80 3·98 3·63 1·58 2·79 3·38 1·47 3·73	3 · 85 2 · 37 1 · 61 2 · 59 2 · 60 2 · 46 2 · 98 4 · 27	3 · 38 3 · 54 3 · 58 3 · 61 1 · 85 2 · 10 2 · 30	4.90 4.64 3.88 3.41 2.11 3.00 2.95 3.26	3·15 2·73 2·31 0·66 1·35 1·41 2·68 4·38	1.55 1.98 1.80 2.90 2.63 3.02 2.61 2.88	2·85 2·14 2·02 1·38 1·75 3·30 2·05 3·04 4·29	0·59 0·58 0·60 0·58 1·10 0·58 1·62 1·42 1·98	36.68 31.93 29.63 24.89 28.64 28.04 29.95 37.47
Haileybury Kipawa Timiskaming Rutherglen Stonecliff Renfrew Ottawa Bark lake	1·35 1 91 1·97 1·31 3·10	4·71 4·43 4·25 4·08 6·39 4·45 5·78 5·15	2·85 2·50 2·07 2·50 2·05 1·13 1·35	4·18 3·37 1·54 5·32 2·01 2·28 3·89 2·32	4-62 5-04 6-06 2-59 3-96 3-91 4-94	3·99 4·59 3·87 4·16 2·09 4·01 6·44	3 · 67 3 · 03 2 · 39 2 · 67 2 · 19 2 · 67 3 · 20 2 · 47 3 · 39	1·90 1·41 1·43 1·28 2·09 2·12 3·51 4·89 1·37 6·31	3·01 1·75 2·42 3·51 2·80 1·03 1·29 2·17 4·78 2·91	2.65 2.51 2.64 3.66 2.49 4.04 4.54 3.34 5.08	1·38 1·61 1·76 0·30 2·32 2·35 1·27 2·79	1.26 2.92 1.96 2.68 1.68 0.83 3.81 4.62 3.26 6.42	34·28 32·11 34·88 43·18 50·36
1913-1914. Quinze dam Hailey bury Knjawa Tuniskoming Tuniskoming Stoneciff Stoneciff Renfrew Ottawa Bark lake Montreal	2·72 2·23 2·05 1·47 2·(0 1·35 1·24 1·95 1·53 2·56	1 · 22 1 · 75 3 · 09 3 · 32 2 · 04 1 · 56 2 · 39 1 · 86	1·51 1·88 0·74 0·86 0·41 0·82 1·42	3 · 93 3 · 97 3 · 16 2 · 88 1 · 73 2 · 31 0 · 68 2 · 36 3 · 15 2 · 42	4-31 3-46 1-32 3-13 †3-13	2·1° 2·26 2·94 2·10 2·80 3·71 2·69 2·50	4·51 4·29 5·34 5·39 4·20 3·00 2·48 4·08 3·75 5·45	3.01 3.10 3.52 2.00 3.64 2.27 2.68 3.79	1·51 2·32 1·69 1·87 1·20 1·36 1·79 2·28 1·35 3·33	2·20 1·78 1·40 3·18 2·97 3·68 3·62	1·78 3·21 1·90 2·45 0·94 1·10 1·67	1·40 1·96 1·54 2·29 1·33 0·69 2·25 1·36 1·90 3·10	30·13 32·52 29·67 36·00 26·23 27·14 21·62 28·46 29·07 37·33

^{*} Timiskaming figures for June estimated. * 30° CTimiskaming precipitation and 30° C Rentrew calculated for Stonecliff, April, 1913 † Eark lake records incomplete for August, 1915; Ottawa figures used.

6 GEORGE V, A. 1916

Mean Monthly Precipitation.—Precipitation at stations in drainage basin of Ottawa River—Concluded.

	1							<u> </u>		i i			
	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.	Annual.
1014 1015													
1914–1915. Quinze dam	2·23 2·63							3·33 2·04	1.70 1.95			0.60	26·00 22·28
Kipawa "Timiskaming	2·04 3·86	1·30 2·79	2·13 4·00	1 · 69 1 · 49	1.05 2.75	3·99 3·07	2·57 3·22	2·70 3·29	1·51 2·32	2·11 2·89	1·34 1·85	0.60	23·03 31·57
Rutherglen Stonecliff	2.66	1.13	2·54 3·25		2.86	2.79	2.49	4.35	2.18	1·50 2·36	0.89	0.25	22·91 25·75
Renfrew Ottawa Bark lake	2·16 2·47 1·63	0·37 0·41 0·68	2·73 2·20 2·92	1 · 42 1 · 41 2 · 02	1.80 2.38 1.68	2·50 2·09 3·06	2·94 1·88 2·59		0.86 2.46 2.49	1.82 3.12 1.97	1 · 85 2 · 21 2 · 20	0·35 0·67 0·27	21.07 24.80 24.16
Montreal	1.53	1.42	2.90	0.96	4.81	2.56	2.39	4.23	2.99	3.49	4.51	0.90	32.69

MEAN MONTHLY TEMPERATURE—Temperature at stations in drainage basin of the Ottawa River.

	April	Мау	June	July	Aug	Sept.	Oct.	Nov	Dec.	Jan.	Feb.	Mar.
1895. Haileybury Rutherglen. Stonecliff. Clontari. Renfrew. Ottawa. Montreal.										3·4 7·3 11·9 9·5 11·7 15·4	9·8 10·9 13·8 15·6 12·4 14·2	14·9 15·7 21·0 19·4 20·0 22·9
1895–96. Haileybury Rutherglen. Stonecliff. Clontarf. Renfrew. Ottawa. Montreal.	38·1 40·7 41·2 40·3 42·4 41·7 42·0	57·0 55·0 56·9 58·1 59·1 58·0 58·3	65·2 65·5 67·0 67·7 67·7 68·9 70·0	62·7 62·1 64·0 64·8 64·9 65·6 67·4	61·1 62·2 64·0 66·1 63·4 65·4 66·7	55.8 57.4 58.8 60.0 59.1 60.1 59.8	36·1 37·6 38·4 39·7 40·3 40·5 41·4	28·2 29·5 29·8 33·3 33·2 32·8 34·7	18·0 19·8 19·4 23·9 18·2 19·9 22·5	5·0 6·9 7·5 11·3 13·0 10·9 12·1	10·5 10·8 10·6 13·3 9·8 13·0 4·2	12·7 15·0 14·4 16·4 13·4 18·7 19·9
1896-1897. Haileybury. Rutherglen. Stonecliff. Clontarf. Renfrew. Ottawa. Montreal.	40·2 43·1 43·4 44·6 43·1 43·8 42·1	54·3 57·0 57·5 58·6 57·5 59·2 58·5	61·5 61·8 63·6 62·7 64·4 64·1 64·6	65·0 64·9 66·4 67·2 69·5 68·9 68·9	62·2 62·8 64·9 65·2 64·4 67·0 67·1	50·7 51·7 53·8 54·4 56·9 56·1 56·4	38·2 39·5 41·5 42·3 42·8 43·1 43·1	28·4 31·5 32·6 37·1 35·7 34·8 35·1	12·2 15·2 16·0 19·1 16·1 17·0 17·7	11·4 10·4 11·9 15·5 11·2 13·7 14·5	11·0 13·7 12·8 16·5 14·9 17·3 18·0	20 · 9 22 · 4 22 · 7 25 · 7 26 · 5 24 · 8 26 · 5
1897-98. Haileybury Rutherglen. Stonecliff. Clontarf. Renfrew. Ottawa. Montreal.	36·4 38·6 41·2 42·4 42·7 43·1 42·4	47·2 50·0 52·2 53·3 52·9 54·6 53·7	57·4 57·7 59·0 59·8 60·4 62·0 61·0	70·8 68·9 71·6 71·7 74·2 72·4 71·7	60·2 60·0 62·4 62·6 61·5 64·1 64·6	55·7 58·4 59·8 59·4 59·4 57·8	44-8 47-4 48-2 47-4 47-7 47-5	25·6 27·3 28·3 30·7 30·5 29·9 30·9	11.7 13.5 15.3 18.2 17.5 19.9	7·5 6·9 7·0 10·6 8·8 10·6 12·1	13·5 15·4 16·4 18·7 15·9 19·0 19·9	29·5 31·5 32·0 35·7 33·1 33·6 34·4
1898-99. Haileybury Rutherglen. Stonecliff. Clontarf. Renfrew. Ottawa. Montreal.	38·0 39·3 40·9 40·9 40·5 43·4 42·5	53·1 54·5 55·7 56·3 56·9 57·3 56·2	61·4 62·2 63·5 64·9 64·5 66·2 64·7	66 7 65 4 68 1 67 9 69 6 70 6 70 4	61 · 6 61 · 6 64 · 4 65 · 3 64 · 4 67 · 5 67 · 8	57·9 56·9 58·6 61·5 60·7 61·0 60·4	42·3 42·9 45·0 46·3 44·6 46·6 47·1	29·7 30·3 31·9 32·4 33·1 32·7 34·0	10·8 13·2 14·7 17·3 15·8 17·8 19·2	4·8 7·4 8·2 13·5 13·1 13·5 15·0	8·5 9·0 8·3 12·8 12·3 12·4 15·8	13·5 15·3 15·8 20·8 21·8 22·5
1899–1900. Haileybury Rutherglen Stonechiff Clontarf. Renfrew Ottawa. Montreal	39·6 40·5 43·4 44·2 42·2 42·9	51.7 53.4 54.0 55.5 56.8 57.4 56.6	60·8 60·6 61·6 63·3 64·9 66·0 66·1	64 · 8 63 · 1 63 · 0 66 · 5 67 · 7 68 · 3	65·7 63·2 63·1 67·7 67·7 69·4 69·3	50·3 50·1 51·1 53·8 53·3 55·5 55·7	45·0 45·3 44·3 46·6 49·9 47·4 48·4	33·4 32·3 31·9 32·8	15·7 17·7 19·3 22·9	9·7 12·6 9·9 14·8	10·5 11·9 9·7 14·6 12·8 15·2 16·9	11·4 13·8 13·3 11·8 14·7 18·6

SESSIONAL PAPER No. 19a

MEAN MONTHLY TEMPERATURE—Temperature at stations in drainage basin of the Ottawa River.—Continued.

	April	May	June	July	Aug.	Sept	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1900-01. Haileybury Rutherglen Stonecliff Clontarf Renfrew Ottawa Montreal	41·2 41·7 43·1 42·2 45·0 44·4 43·5	50·9 51·5 50·6 50·4 52·0 53·3 52·2	61·5 61·1 60·8 64·0 66·6 65·7	65·4 64·6 65·0 67·9 68·9 68·5	65·6 65·8 64·5 68·0 	56·8 56·6 56·6 59·2 60·7 60·2	51·2 51·7 50·5 53·3 53·7 52·6	25·5 27·9 27·9 30·7 	14·5 13·4 13·0 18·1 17·2 18·1	5.7 7.7 5.0 11.3	5.7 8.0 5.4 10.4 11.4 12.5	17·1 20·0 18·8 22·7 24·3 24·9
1901-02. Haileybury Rutherglen Stonecliff Clontarf Renfrew	42·5 43·4 44·5 43·4	53·4 54·8 54·3 54·1	65·3 64·2 63·7 64·2	68·5 67·6 67·0 69·0	64·0 63·4 63·4 65·3	56·6 56·5 55·7 57·6	43·0 45·0 44·7 46·5	25·1 25·4 25·1 27·4	12·0 14·9 12·6 18·4	9·2 9·1 7·1 12·5	14·8 15·2 12·2 16·0	28 · 9 30 · 6 31 · 9 32 · 8
Ottawa	46·4 43·6	57·2 56·2	67·5 66·8	71·8 70·3	68·3 67·3	60·7 60·4	47·8 47·2	28·1 28·7	18·5 21·6	11·8 13·2	16·0 17·0	34·2 34·4
1902-03. Hailey bury Rutherglen. Stonecliff Clontarf Renfrew Ottawa. Montreal.	39·3 41·8 42·9 43·8 45·2 45·1	48.0 49.4 50.4 50.8 53.8 53.9	55·5 56·8 57·0 58·4 60·6 60·0	67·0 66·3 65·1 66·2 67·5 68·9 67·5	59·8 59·2 59·6 60·9 61·9 65·2 65·0	55·5 55·8 55·2 59·2 58·9 60·7 60·4	38·6 39·5 39·4 42·2 41·8 43·8 45·0	32·1 34·8 33·0 37·6 36·3 36·8 38·6	9·0 10·3 9·2 13·4 11·9 14·7 15·9	7·4 7·4 4·9 12·5 9·8 11·8 14·6	10·5 12·6 10·2 16·5 16·8 18·2 18·9	28 · 8 31 · 7 31 · 4 34 · 4 34 · 6 34 · 5 34 · 2
1903-04 . Haileybury . Rutherglen . Stonecliff . Clontarf . Renfrew . Ottawa . Montreal .	36·5 39·6 40·3 41·5 42·7 44·1 44·1	53.0 53.6 53.7 55.3 57.2 59.2 57.8	60·4 57·9 59·6 59·6 61·4 62·8 62·9	64·6 64·7 64·5 66·0 68·3 68·5 67·7	59·2 58·3 58·4 59·7 61·4 62·4 62·0	55·1 54·5 54·8 57·8 58·8 57·9 60·0	43·8 43·3 43·4 46·9 46·4 48·9 48·6	27·6 27·2 26·7 30·4 28·9 31·2 32·1	5·6 4·4 2·7 10·3 9·9 11·5 14·0	-0·4 -0·4 -1·6 6·0 5·1 4·9 8·2	$ \begin{array}{r} -0.9 \\ 0.0 \\ -0.4 \\ 4.9 \\ 3.0 \\ 6.1 \\ 7.2 \end{array} $	19·5 20·0 19·9 24·3 23·8 24·0 24·8
1904-05. Haileybury Rutherglen Stonecliff Clontarf Renfrew Ottawa Montreal	34·8 34·9 35·5 36·9 37·2 38·8 39·3	54.6 54.4 55.3 57.6 57.7 59.9 59.7	62·2 61·7 62·3 62·6 63·9 65·3 64·6	64·7 63·4 64·5 66·1 66·3 68·3 68·4	60·3 59·2 60·4 62·0 63·1 64·7 64·4	51·0 50·9 52·4 54·1 54·7 54·8 54·2	40·2 40·2 41·9 42·7 44·0 44·2 43·4	27·8 27·7 27·0 29·5 29·4 29·8 29·6	3·9 4·4 2·3 8·7 8·8 8·9 9·4	0·5 1·7 -0·3 6·3 6·8 7·4 9·0	7·1 6·5 5·9 9·8 7·5 9·6 10·7	20·7 22·4 20·6 24·4 23·9 24·0 24·8
1905–06. Haileybury Rutherglen Stonecliff Clontarf Renfrew Ottawa Montreal	36·1 38·2 39·4 40·8 41·7 41·8 41·4	50·1 50·7 50·6 52·4 53·6 51·7 54·0	62·8 62·0 63·2 62·9 64·5 65·2 63·5	66-4 65-6 67-4 68-1 68-8 70-0 69-4	61 · 6 61 · 0 63 · 0 62 · 5 64 · 4 66 · 6 55 · 9	57.8 57.7 58.6 58.4 59.4 59.8 58.8	42·2 42·1 43·5 45·9 45·5 46·5 46·0	25·8 27·5 28·3 31·1 31·4 31·6 31·5	16·1 17·5 16·4 21·0 20·5 21·6 21·9	13·1 16·6 13·6 21·4 20·8 21·1	8·0 8·2 8·6 15·0 15·8 17·0	14·7 16·0 16·4 21·2 22·7 21·7
1906-07. Halleybury Rutherglen Stonecliff Clontarf Renfrew Ottswa. Montreal	37.7 39.9 40.4 44.3 42.7 43.2 41.9	47.7 49.6 49.8 51.3 52.7 53.9 52.7	64 · 2 64 · 7 64 · 0 66 · 9 67 · 0 67 · 1 65 · 5	66.8 66.6 67.4 71.4 68.5 70.5 70.6	66.8 65.5 67.0 72.1 69.5 71.6 70.7	59·9 58·6 59·7 68·0 61·9 62·4 61·1	41·1 45·0 45·0 52·0 46·4 46·8 47·9	27·7 29·6 29·6 32·3 32·6	8·3 7·1 10·9 12·5 14·1	3·6 6·5 3·8 8·2 9·6 10·6 10·7	3·7 5·7 3·4 5·4 5·1 7·9 9·5	23·4 24·6 23·3 29·0 25·4 27·0 27·4
1907-08. Haileybury Rutherglen Stonecliff Clontarf Renfrew Ottawa. Montreal	28·7 32·2 33·3 34·4 35·8 36·5 37·2	40·4 43·4 43·7 45·3 46·2 48·9 48·2	63 · 7 63 · 0 63 · 7 64 · 0 65 · 6 67 · 2 65 · 6	65·1 64·1 65·7 67·5 67·7 69·3 69·4	59·8 59·5 60·5 61·5 62·3 64·4 64·8	54·3 54·3 55·9 57·5 57·5 58·1 57·9	38.6 37.5 39.1 41.5 41.6 42.8 43.4	27·3 29·0 28·2 30·2 31·9 33·0 33·4	17·4 19·7 19·8 20·5 20·6 23·2 24·6	6·8 6·2 5·6 10·3 16·8 11·8 13·4	7·4 8·6 6·5 10·6 8·9 10·9 12·2	18·5 20·8 20·8 20·8
1908-09. Haileybury Rutherglen	32·8 34·7 33·9	52·0 53·7 53·9	63·5 61·5 63·1	67·0 66·0 65·5	62·8 62·4 60·1	62·1 58·9 58·0	46·1 46·6 41·3	32·2 33·6 30·4	11·1 13·0 11·0	7·9 11·1 9·6	8·0 11·3 9·9	20·1 21·3 20·4
Clontarf	33·7 37·4 36·6 37·1	56·3 57·9 57·1	64·5 66·2 66·6	70·1 71·9 71·8	64·7 66·7 66·6	63·3 63·1 63·6	47·1 48·9 50·1	33.5 33.8 34.8	13·0 14·9 16·5	13·3 13·7 15·3	13·7 16·3 16·5	23·7 24·8 25·8

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Mean Monthly Temperature—Temperature at stations in drainage basin of the Ottawa River—Concluded.

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	Aprii.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1909-10. Haileybury	32.7	47.5	61-5	66-8	65-4	53 · 6	42.3	33 · 1	18.0	13.3	7.7	20.3
Timiskaming Rutherglen	33-1	48.5	62.9	61.0	63-6	53 - 7	41.0	33.2	19.0	15.5	8-0	3·02 28·8
Stonecliff	32.6	47-6	62-1	62.9	62·9 67·4	55·1 57·4	44·2 44·6	34·3 34·5	20·0 17·5	16·4 15·7	9·5 9·2	29.3
Renfrew Ottawa	36·8 37·2	51·9 52·9	65 · 7 64 · 0	66.2	65.7	56.8	44.8	35.4	19.0	17.7	13.2	33 · 2
Montreal	38.6	54.0	65.9	67 · 5	67.2	58-2	46.7	36.5	21.3	20.5	14.8	33 - 8
1910-11.												
Quinze Haileybury	42.1	49-1	64-1	66.6	62-6	53 - 1	44.2	27.5	9.3	4·3 5·1	10·0 9·7	21.8
Timiskaming	42.6	52 - 1	64 · 2	67.3	63 - 7	52.9	42.5	29.2	9.3	8-2	11.0	20.3
Rutherglen	44·5 44·8	55·2 52·1	61·2 59·9	65·5 65·3	62·0 62·5	51·6 51·6	43·3 44·1	28·4 29·8	7·8 9·9	8·5 8·5	11·0 9·6	20.0
Stonecliff Renfrew	46.6	53 - 2	62.9	69-1	66.3		46.3	30.4	10.3	12.8	11.6	21 - 4
Ottawa	47·5 46·8	53 · 8 54 · 3	64 · 0 63 · 4	69·2 70·0	66·2 66·1	54·8 56·7	46·5 46·9	32·1 33·2	11·9 14·3	11·0 11·9	12.2	21.7
Montreal	40.0	94.9	09.4	10.0	00-1	30-7	40.9	99.2	14-9	11.3	12.7	20.4
1911-12. Quinze	38 - 1	57-3	63-4	67 - 7	64 - 4	53 - 3	41.6	26.0	24.6	-4.8	7.4	14-4
Hanevbury	37 - 2	56.2	62 - 1	68-8	65.0	63.8	42.6	24.8	22.7	-3.7	9.3	16.2
Timiskaming Rutherglen	38·1 37·2	57·4 57·5	65·1 63·3	70·7 68·4	66·1 65·6	53·5 52·3	43·5 43·0	24·7 26·4	22.9	-2·5 -5·2	9-1	15.7
Stonecliff	27.5	57 - 6	60.5	68-2	65.3	53 · 2	43.3	26 - 7	22.2	-4.3	7.4	16.3
Renfrew	39·9 39·2	61.7	63 · 6 64 · 6	71·2 71·4	68·3 70·3	55 · 8 56 · 9	45·9 47·0	29·2 30·4	25·8 26·1	0·2 9·1	10.3	18 - 1
Ottawa Montreal	40.3	62.5	65.0	72.6	69-2	56.3	47.6	31.9	27.8	4.9	13.3	21.8
1912-13.												
Quinze.	34.3	51.5	58.7	64 - 5	57.3	55.3	43.8	29·8 29·4	20·2 17·7	16·6 11·6	6.3	24·5 19·6
Haileybury Timiskaming	35·5 35·6	50·3 52·3	59·3 59·7	65·1 67·4	57·9 59·5	56 · 1 56 · 5	45·8 46·5	32-6	25.6	20 - 2	1.4	24 - 2
Rutherglen	36.2	52 · 2		60.9	58 · 1	56 - 4	44.6	31.3	20.2	15.1	3 · 1	23.0
Stonecliff	35·8 38·9	51 · 4 54 · 8	57·5 61·4	66·7 68·1	59·5 61·7	57-4	45·6 48·4	30.8	18·2 22·1	13-8	5.8	23.8
Ottawa	38.5	55 · 1	61.1	67.9	61.0	58.0	49.0	35.0	22.7	21.1	10.3	26 2
Bark lake Montreal	39-6	55.7	60.9	70-0	62-8	57-4	49-1	35.0	21·8 24·5	14·6 22·7	0·56 11·8	21·1 28·8
	03 0	30 1	00 0		02 0		10 1					
1913-14. Quinze	41-4	45.8	65 - 4	67-0	66 - 2	55 - 2	48.3	35.5	23.6	15.8	5.5	24.0
Haileybury	39.6	49.7	61.9	65·2 67·3	62·5 64·8	54·0 55·3	44·6 49·0	33·9 34·1	19.9	7·7 12·6	-0·9 2·9	19.8
Timiskaming Rutherglen	42·2 41·1	51·8 50·0	63·4 61·8	65.5	63.0	53.9	45.1	33.3	22.2	7.1	0.1	21.7
Stonecliff	55 - 7	50.3	62 · 2	65-2	63.7	54.3	46.0	35.0	22.3	9.1	2.0	24 - 9
Ottawa	44·8 45·3	52-6 53-8	64 · 2 64 · 1	68·4 70·0	65·9 67·1	57·2 56·7	49·1 50·6	37·6 37·9	23·4 24·0	9.3	5·6 6·1	24.9
Bark Lake	39.0	48.8	61.2	67 - 7		56.9	44.8	33.5	20 - 1	3.1	5.7	19.5
Montreal	45 · 4	53.8	63 · 6	69 - 4	66.3	56.7	50.8	39-1	26.5	12.3	7.4	27.5
1914-15.	07.4	56-4	57.8	64 - 9	61.7	55.0	44.3	24.2	10.0	13-1	16.2	23 - 7
Quinze	37·4 33·5	56-4 54-6	57·8 59·8	66.4	62.2	56.3	46.3	25.9	12.2	10.8	15.3	20.8
Timiskaming	36.4	57.2	62.9	70.9	73.6	59.0	45.9	27 · 1	12-6	12.9	16-1	20 - 4
Rutherglen Stonecliff	35·5 35·9	54·5 55·5	60.0	64.6	61·7 62·2	54·3 56·2	45·2 46·7	26·2 26·8	13·5 14·7	11·0 11·7	15·6 16·7	21.6
Renfrew	38 - 2	58-1	61.5	68.0	64 - 1	57 - 1	48-4	29.6	16.2	15.3	19.0	25.9
Ottawa Bark Lake	38·7 32·6	59·5 50·5	63·1 58·2	68 · 8 65 · 7	65-6	58·1 58·8	49·2 44·8	30·3 24·7	16·9 2·0	18·0 9·0	19-4	26 - 1
Montreal	37.8	58.9	62.0	68-2	65-8	58.8	49.2	31.3	18.7	17.8	21.7	26-4

Drainage Areas of the Ottawa River and its tributaries.

	Square miles.	Square miles.
unize river, from N. Timiskaming lancher river lanch river lanch river laway valley to Montreal and Kipawa rivers. lontreal river laway a river and Gordon creek plawa river and Gordon creek laway valley beween Timiskaming lake lattawa valley beween Timiskaming and Mattawa lattawa valley beween Mattawa and Deux Rivieres. lattawa valley beween Mattawa and Deux Rivieres. lattawa valley between Rocher Capitaine lattawa valley between Rocher Capitaine and Joachims lattawa valley between Rocher Capitaine and Joachims lattawa valley between Bes Joachims and Black river lattawa valley to between Des Joachims and Black river lattawa valley to foot of Allumette island outage river lattawa valley to foot of Calumet island. lattawa valley to foot of Calumet island and Cheneux orial to Chenwer were considered to the lattawa valley between Chatsa and Chats. lattawa valley between the Cheneuax and Chats. lattawa valley between Chatsa and Chaudiere falls orial to Chenwer of Chaudiere falls lattawa valley between Chatsa and Chaudiere falls lattawa valley between Chatsa and Chaudiere falls latineau river lattawa valley between Chatsa and Chaudiere falls lattawa valley between Chaudiere and Besserer's. lattawa valley between Chaudiere and Besserer's. lattawa valley between Chatsa and Graville. lattawa valley between Besserer's and Graville. lattawa valley between Graville and Carillon. lott for Carillon		9,70
lanche river	1,897	
abis river	669	
trawa vaney to Montreal and Kipawa Hvers.	2,800	
apawa river and Gordon creek	2,133	
tawa valley to Timiskaming dam	655	10.1
otal to foot of Timiskaming lake	683	18,1
traws variety between rimiskaming and stateawa.	880	
otal to Mattawa		19,6
ttawa valley between Mattawa and Deux Rivieres	225	10.0
otal to metering sectionabove Deux Rivieres	934	19.8
aganasidi river otal ta Dauy Riviaras	201	20.1
ttawa vallev between Deux Rivieres and Rocher Capt.	115	
otal to Rocher Capitaine		20,2
umoine river.	1,517	
ttawa valley between Rocher Capitaine and Joachims	394	22.1
otat to Des Joachims.	296	22,
etawawa river	1,586	
idian river	440	
ttawa valley between Des Joachims and Black river	652	
lack river	930	26.0
oulonge river	1.820	201
ttawa valley to La Passe	32	
otal to La Passe		27,
ttawa valley to foot of Calumet island	300	28.
otal to foot of Calumet Island.	64	20,
otal to Cheneux		28,
onnechere river.	910	
adawaska river.	3,210	32,
otal to Arnprior	1.400	04,
Jassissippi river. Itawa vallay batwaan the Changiay and Chats	167	
otal to Chats falls.		33,
arp river	133	
uyon river	164	34.
otal to Quyon metering section.	351	04,
otal to Chaudiere falls		34,
ideau river	1,516	
atineau river	9,130	
ttawa valley between Chaudiere and Besserer's	67	45,
otal to Desserer's Grove. ittle Rlenche river (Fast Templeton)	137	10,
lievre river	4.043	
lanche river (Thurso)	236	
outh Nation river	710	
Orth Nation fiver	78	
ouge river	1,780	
alumet river	163	
ttawa valley between Besserer's and Grenville	408	54-
otal to Grenville Ittawa valley between Grenville and Carillon. Otal to Carillon Otal to Carillon Otal Trees Otal Trees of Carillon and head of Montreal Island. Otal to head of Montreal Island	180	24
otal to Carillon		54,
Forth river	700	
figaud river		
pttawa valley between Carillon and head of Montreal Island otal to head of Montreal island otal to mouth of river	311	55.
otal to nead of Montreal Island		56.

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$\ensuremath{\mathsf{List}}$ of Gauges on the Ottawa River and tributaries and on the St. Lawrence River.

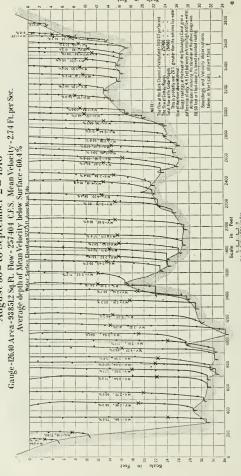
River or Lake.	Locality.	Zero.	Gauge Reader and Address-
Ouinze L	Douglas Farm Near outlet Above dam Hailey bury Latchford Below dam Holley dam Below dam Below dam Below dam Below dam Holley dam Holley dam Holley dam Head Gordon Creek Lumaden's Mills	849 - 50	
"	Near outlet	851.30	A. E. Leacy, N. Timiskaming, Que.
Quinze R	Above dam	846 · 55 818 · 02	" " "
Pimiokomina I	Heileybury	575.96	F. J. Fitzgerald, Haileybury, Ont.
Rev. I.	Latchford	896 - 96	G. H. Schneider Latchford, Ont.
Montreal R	Below dam	892 - 45	
"	Empir eMill	890 - 35	
Kipawa L	Kipawa dam	869 · 50 859 · 98	Maurice Denis, Fabre, Que.
Kipawa R	2 miles below dom	822.04	"
Cimiskaming L	Timiskaming Station	572 - 66	J. B. Belanger, Timiskaming Sta., Que.
Kipawa L	Head Gordon Creek	868-00	Shannon & Fraser, Kipawa P. O., Que.
Gordon Creek Ottawa R.	Lumsden's Mills. Below Timiskaming dam I. C. O. camp	770.02	ames Kerr, Lumsden's Mills, Que.
Ottawa R	Below Timiskaming dam	566 - 22	J. B. Belanger, Timiskaming, Que. C. W. Thomson, Timiskaming, Que. Charles Morel, Mattawa, Ont.
	Mattawa	542 · 71 488 · 46	C. W. Thomson, Timiskaming, Que.
Matterna D	Foot Turtle L	660-72	Charles Morel, Mattawa, Ont.
Mattawa R	Below Pimisi Bay	582 - 20	
"	Above power house	522.09	Edmond Belanger, Mattawa, Ont.
Ottown B	At dam. Below Pimisi Bay. Above power house. Below power house. Klock Sta., H. W. Klock Sta., L. W. I mile up. Highway bridge. Above power house. Above power house. Above Couloner Ch.	495·70 478·00	
Jitawa R	Klock Sta., H. W	468 00	A. Guilbault, Klock Sta., Ont.
Dumoine R	1 mile up.	439 - 79	Paul DuFoe, Mackey's Sta., Ont.
Petawawa R	Highway bridge	411.00	James McLaughlin. Petawawa, Ont.
Ottawa R	Pembroke	361-63	Capt. W. Murphy, Pembroke, Ont.
3lack R	Above power house	476.95	James McLaughlin, Petawawa, Ont. Capt. W. Murphy, Pembroke, Ont. J. H. Maxwell, Waltham Sta., Que. Camille Germain, Leclair P. O., Que.
oulonge R	Above Coulonge Ch	498·55 339·68	Cilbant Carrain, Leclair P. U., Que.
Connechere B	Relow Renfrow	280 - 60	Gilbert Gervais, La Passe, Ont W. Stewart, Renfrew, Ont
Calabogie L.	Calabogie village	497-30	Mrs. J. Dyrsdale, Calabogie, Ont.
Madawaska R	Claybank, Ont		Narcisse Jaundraw, Arnprior, Ont., R F.D. No.
Arnprior L	Above Coulonge Cn. La Passe, Ont. Below Revfrew Clasbogie village Claybank, Ont. Below Galette Below Galette Britannia Bay Rideau Locks Black Ranids	237.00	H. E. Barnes, Arnprior, Ont.
Mississippi R	Below Galetta	242 · 32 187 · 32	Hyaro-Electric Power Comm.
Doseboros I	Reitannia Bay	187-32	Geo. Gallinger, Quyon, Que J. Sparks, Britannia Bay, Ont.
Ottawa R.	Rideau Locks	122-37	W. H. Bishop, Ottawa, Ont.
Rideau R	Black Rapids		W. H. Bishop, Ottawa, Ont. G. E. Armstrong, Black Rapids, Ont.
"	Hurdman's Bridge	199.06	H. McCurry, Hurdman's Bridge P. O.
Bark L	G. & H. depot	1.181.03	H. McCurry, Hurdman's Bridge P. O. John T. White, River Descrit P. O. Lilian Hyde, Chelsea P. O., Que.
Jatineau K	Bolow Cholesa	238·21 206·14	Lilian Hyde, Cheisea F. U., Que.
"	" " (Bris. G.)	204 - 87	
Lievre R	Above Poupore	433-40	O. Laframboise, Poupore P. O., Que.
"	Below Poupore	423 - 40	
S. Nation R	Plantagenet Springs	170 - 20	N. J. Sibley, Plantagenet Spr., Ont.
Rouge R	Above Table Falls	351-60 325-66	N. J. Sibley, Plantagenet Spr., Ont. E. Larosc, Calumet, Que.
Ottawa R	Unner Grenville canal	117.66	Geo. Foreman, Grenville, Que.
"	Lower Grenville canal	72 - 17	George Bradford, Greece's Pt., Que.
"	Hd. Carillon canal	74.00	H. Robillard, Carillon, Que.
	Ft. Carillon canal	58.70	J. Webster, Carillon, Que.
North R	Above St. Andrew's	102·81 59·57	D. Dalamar St. Amer. J. D. Harrey Co.
Ottawa R	Lower St. Anne's	57.66	D. Robillard, St. Anne de Bellevue, Que.
St Lawrence R	Upper Soulanges	135.00	A. C. St. Amour, Coteau, Que.
"	Coteau du Lac	125.95	Joseph Leger, Coteau du Lac, Que.
	Above Cedars	122.00	Joseph Leger, Coteau du Lac, Que. Frank Marier. Cedars, Que.
	Below Cedars	85.70	
	Dumesnii's Point	90·36 51·50	Ulric Leroux, Cedars, Que.
	Unner Lachine	51.63	I Enright 292 Wellington St Montreal
	Lower Lachine	5.55	R. Milloy, 292 Wellington St., Montreal.
44	Pointe aux Trembles	12.07	L. Gendreau, Pte. aux Trembles, Que.
44	Varennes.	15.30	Joseph Dessault, Varennes, Que.
4	Lanoraie	9.06	A. C. St. Amour, Coteau, Que. J. Enright, 292 Wellington St., Montreal. R. Milloy, 292 Wellington St., Montreal. L. Gendreau, Pte, aux Trembles, Que. Joseph Dessault, Varennes, Que. Octave Goulet, Lanoraie, Que.
Nippiesing I	North Boy	17·92 635·00	
rathbushing Tr	Britanaia Bay Rideau Locks Black Rapids Black Rapids Black Rapids G. & H. depot. Above Cheisea. Below Cheisea Below Compone Plantagenet Springs Above Table Falls Upper Grenville canal Lower Grenville canal Lower Grenville canal Hd. Carillon canal Above St. Andrew's Upper St. Anne's Lower St. Anne's Corteau du Lac Above Cedars Below Cedars Below Cedars Below Cedars Below Cedars Below Cedars Sorel Lanoraie Sorel Varennes Varennes Sorel North Bay North Bay (Ree g.) Stellarton	640.00	James Kennedy, Box 349, North Bay, Ont.
		12.45	James Cowan, Stellarton, N.S.

DISCHARGE MEASUREMENTS of the St. Lawrence River above and below Montreal for the years 1910 to 1914, inclusive.

			Discharge M	deasuremen	rs in Cubic	FEET PER SEC	COND.
	Date.	Cedars.	Cedars and Montreal Cotton Co	Total from Lake St. Frances.	Flow past Montreal Harbour.	Measure- ments reduced by slope formula.	Lanoraie.
	1910.						
Aug 26.		263,500 257,000	264, 150	266,500			
Sept. 1 26		201,000	201,100	200,000	248,500		273,000
	1911.						
July 6		226,600	233,300	235,600	267, 200		296,356
Oct. 3.		213,500	221, 100	223,500	256, 860 229, 500 231, 100		
" 9		215, 500	223, 300	225, 700	231, 100 228, 500		248, 250
	1912						
May 31		327,900	334,400	339, 100	458,500 374,660		590,000
June 10-1 July 3-8.	4				374,660 313,300		369, 302
66 24		259,450	266,600	271, 200	296, 900 304, 120		
	4				289, 460 283, 800		320, 465
" 23-2	9	256, 300	263,000	267,400	283,800 265,230		
		260,000	266,500	271,900	289, 100		000 000
" 30	3	280,800	287,700	293, 400	268,900 310,100		299, 900
" 26-0 Oct. 10-1	Oct. 8	267, 100	274,600	279,600	270,144 293,600		
" 16-2	1. Nov. 5.	207,100	274,000	219,000			293,340
Nov. 9-1	3				330,500		
May 28-2	1914 -12 and 13. s-10 4 7 to July 3. 10. 4-25. 3 and Aug. 1.			252,090	285, 838	283, 250	335,000 340,700
June 6-11 June 17-1	-12 and 13 8-19.			270,460 271,670	285, 838 297, 662 294, 120	283, 250 287, 985 276, 030 271, 840	331,400
" 23-2 " 26-9	7 to July 2			271,670 259,500 280,200	282,992 306,645	271,840 295,420	320,300 348,800
July 3-4.				277 030	303.312	292, 200	343 500
" 8-9- " 13-1	4			249, 900 254, 300	274,896 275,547	268,130 267,470	315,000 311,700 312,700
" 17-2	4-25			266, 100	282,303	267, 470 269, 110	312,70
Aug. 10-1	3 and Aug. 1			260,400 267,100	273,313 275,272	266, 640 265, 010	299, 500 295, 200
" 17-1 " 20-9	9			267, 100 262, 400 249, 500	269,233 256,065	264,470 245,980	295, 200 287, 400 274, 000
" 26-2 " 28-5	9 1 7			254,800	259, 869	254,030	276,300
	14			241,800 249,000	247,054 253,537	241,020 241,460	263,700 269,400
" 14-1 " 16-1	4. 5–16. 8–19.			241,700 234,500	246, 209 238, 993	243,530 234,760	262, 100 254, 900
				242,700	245, 996	241.550	260,80
" 28-2	9 o Oct. 2-3 8 -13			230,000 230,400	233,078 232,856	233,330 233,320	247,600 246,900
Oct. 5-6-	8			230,400 242,200 231,800	232, 856 243, 683 233, 088	233,320 232,750 232,620	246, 900 257, 100 247, 200
1-0-	10			251,800	200,000	202,020	247,200
	COMPILED FROM	MEASURI	EMENTS M	ADE AT C	EDARS IN	1914.	
June 3		257,726	264,512	270,550	301,300	288,300	347,60
** 8	***************************************	250.871	257 210	262,600	288,850 294,960	283,700	331.00
" 11 " 19		257, 331 250, 325	263,670 256,890 239,035	269,060 262,560	294,960 284,660	304 300	336, 70 321, 70
July 6.		238,814	239,035	262,560 243,970	284,660 269,420	268,300 252,900 262,050	321,700 309,900
" 14 .		250,320 247,971	256, 944 254, 400	261,290 259,928	285, 190 281, 130	270,600	324, 10 317, 50
		243,742	245, 157	250,360	265,860 269,700	261,700	295,500 297,700

RIVER STLAWRENCE METERING TWO AND A QUARTER MILES ABOVE CEDAR RAPIDS

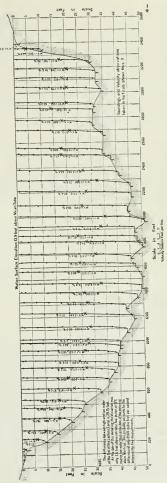
CEDARS, P.Q. August 30th to September 2 nd 1910



RIVER ST.LAWRENCE METERING

ONE QUARTER OF A MILE BELOW LANORAIE, P.Q. September 26# and 27# 1910 GAUGE READING, LANORAIE WHARF.

Area - 118582 Sq.Pt. Flow - 273000 C.F.S. Mean Velocity - 2:30 Pt.per Sec. Average depth of Mean Velocity below Surface - 615.% Mean depth - 31 Pt., Width at Water Surface - 3402 Pt.



ST. LAWRENCE RIVER.

Metering the St. Lawrence river was first started in 1910 and 1911, when the writer made a few measurements above Montreal at the Cedars, and below Montreal at Lanoraie. Since then, two parties have been kept constantly at the work during the summer months. The sections chosen at the Cedars and at Lanoraie could not very well be improved upon. The bed of the river at both places is smooth and free from shoals and the shores are even. The current at the Cedars section averages about $3\frac{1}{2}$ feet per second, and at Lanoraie about $2\frac{1}{2}$ feet per second.

In April, 1912, new sections were laid out opposite Pointe aux Trembles. These were later abandoned owing to the shoaly condition of the river bed and to dredging operations interfering with the accuracy of the measurements. However, on investigation, the channels just above Bout de l'Ile were found to

be superior to those previously located.

Vertical staff gauges are maintained at Pointe aux Trembles, Bout de l'He, Varennes, and at Lanoraie. Daily readings are also received at this office from the gauges at the head and foot of most of the St. Lawrence river canals. The work of determining the zero elevations of these various gauges and of reducing the daily readings to mean sea datum is not far enough advanced to warrant a more complete description being made for this report.

Before closing, I wish to express my appreciation for the very valuable interpretation and assistance that has been given me by the Washington office of the United States Geological Survey, and from the United States corps of

engineers.

I have the honour to be, sir.

Your obedient servant,

SYDNEY B. JOHNSON,

Hydraulic Engineer.

21st December, 1914.

NOTES ON ANNUAL CONFERENCE, WATER RESOURCES BRANCH HELD AT WASHINGTON, D.C.

C. R. COUTLEE, Esq.,
Engineer in Charge,
Ottawa River Storage,
Dept. Public Works,
Ottawa.

SIR,—The Annual Conference of the Water Resources Branch of the United States Geological Survey, which I had the honour to attend, was held in Washington, D.C., from the 7th to the 12th of December of this year. A great many interesting points were taken up, having to do with all the waterways of the United States and of its possessions. The meetings were well attended, as all of the district engineers belonging to this branch of the survey were present together with some of their assistants, and, in addition, a few prominent engineers from other branches of government work. Among these last were Secretary Lane, of the Interior Department; George Otis Smith, Director of the Geological Survey; F. H. Newell, a past chief engineer of the department, and one of the first engineers in the States to use a current-meter for obtaining stream flow data; and Mr. Davis, Chief Engineer of the United States Reclamation Service

In opening the conference, Mr. Nathan C. Grover, Chief Hydraulic Engineer said "the Water Resources Branch exists as a result of annual appropriations by Congress."

"For gauging the streams and determining the water supply of the United States, and for the investigation of underground currents and artesian wells, and for the preparation of reports upon the best methods of utilizing the water resources."

He spoke with emphasis on the importance of keeping the data in an up-todate condition, not only to thus have a continual check on the records and measurements, but also that the information might at all times be available at the central office, in order that the many requests from outside sources might be complied with. Mr. Grover also spoke of the extent to which work is simplified by the adoption of uniform standards that have been carefully worked out and proved by long experience. The systematic training of men both for the field and office, he considered of great importance. In this connection he thought that every field engineer should spend a certain amount of time in the central office, and office men in the field. Only in this way could they understand and sympathize with their respective reports and problems.

An office engineer, among other things, spoke of the importance of the field keeping the central office well informed when new ideas or methods were being tested. He also spoke at considerable length on the allowable percentage that discharge measurements might vary from the rating curve. In general practice he thought that about 15 per cent was the greatest difference permissible for maximum and minimum discharges, and 5 per cent for the intermediate measurements. "The curve shall be considered reasonably well defined over that portion covered by measurements whose average error is not greater than 5 per cent."

One of the district engineers considered it a better plan to utilize available funds by getting as much information as possible, even though of an approximate nature, rather than go to great details on a few rivers. This point was questioned by several engineers, and instances were cited where trouble was caused by lack of accurate data. The consensus of opinion seemed to be in favour of thoroughness rather than scattered and approximate information.

An interesting paper on standardization of equipment brought out the importance of varying the standard of computations where it seemed necessary. A tolerable degree of accuracy might in some cases be all that was required, while in other instances more accurate data are essential. The paper described fully the standard metering car now being used by the survey, emphasizing the importance of having all the parts of the car and attachments galvanized, including the turnbuckles and the carrying cable; the cost of one of these cars is now only \$8.50, laid down in any district. Where good anchorage for the cable supports are not available, concrete bases are always used. The adoption by the survey of the small Price (Gurley) as their standard meter was strongly endorsed. In the discussion that followed, the advisability of using only one style of meter was questioned. Currents in a river or stream affect the screw type of meter in an entirely different way from the cup-shape form of instrument. Hence, unless a meter can be rated in moving water with approximately the same style of cross currents as found in the rivers to be metered, the only safe method is to use two or more distinct classes of instruments.

A paper dealing with weight and chain gauges showed clearly the advantages this type of gauge held over the ordinary vertical staff gauge. The average length of chain used for gauges of this type was 21 feet, and the average stretch for the varius gauges in thirty-one months amounted to only thirty-one one-hundredth of a foot. When steel bridges have been used, they have been found to rise as much as three-tenths of an inch, due to change of temperature. Growing trees should never be utilized for gauge supports or for bench-marks.

In a paper on equipment and methods, the white enamel gauge was mentioned as being the most satisfactory staff gauge yet used. It also dwelt on the import-

ance of having good reference marks to all gauges. A bench-mark should also be placed on the top of the box covering the chain gauge. The length of current-meter observations at a single point was also discussed in the paper. In results from one meter an average difference of $2\frac{1}{2}$ per cent at the same stage in the river was found, due to different periods of time being given the current-meter observations. By experiment, it was found that the percentage of error for 70-second periods is about one-half the error for 10-second periods. The point was emphasized that between 25 and 30 vertical observations should be taken across a single stream at each metering. The determination of the mean velocity in the verticals was a very important factor. The most accurate method yet found being the 2-, 6-, and 8-tenths method, duplicating the 6-tenths observation in taking the mean. The paper brought out the point that probably the greatest source of error in stream gauging is in the determining of velocity.

Before closing for the day, there was some discussion on the use of concrete bases for sloping staff gauges. Where solid rock was not available, the concrete should be sunk at least 4 feet below the surface to ensure its stability not being

interfered with by the frost.

The following day, the discussion was continued relating to the time intervals of velocity observations, as well as on the distances between the verticals. If a stream is less than 10 feet wide, vertical velocities should be obtained at every one-half foot across the stream. From 15 to 20 feet wide, they should be taken at every foot. When it is found that, owing to a change of river stage or oscillations in the current, a lengthy metering would give faulty results, fewer velocity observations should be taken.

A most interesting paper was read on some long and unusual flow records. In a section of Arizona there were nine consecutive years of low water. During this period, seven years followed one another without the occurrence of a single flood. The value of long and continuous river flow records was emphasized. Thousands of dollars had been thrown away on power developments, due to insufficient or inaccurate data. In some instances, developments were completed when only scattered precipitation records were available. This has frequently led to costly errors, due to wrong estimates of the minimum stream flow. Cases were cited where power propositions had been carried through, ranging from two to ten times in excess of the available low-water flow.

A short paper dealing with the accuracy in final computations, described fully where errors might occur in the working up of discharge rating curves, and differences in computation due to various methods employed in taking off the daily mean from recording gauge returns.

In a paper dealing with the responsibilities and limitations of the survey, with special reference to distribution and operation, the subject was brought up of control by the Federal Government of all waterways in the country. In this paper, the necessity was brought out of the commercial value of waterways and power sites being known before even the question of government control could be taken up. The centralization of power was fast becoming an established fact, and must necessarily be followed by some kind of control by the people.

Another paper followed on the same subject. It also explained the usefulness of daily flow hydrographs, how they assist materially in following the fluctuations of flow down the course of the stream, also indicating readily the effect on the lower reaches of heavy rains or the manipulation of artificial controls

higher up the stream.

An interesting discussion followed as to just how far government engineers should assist private companies who are using the whole or part of the stream being studied, the consensus of opinion being that it was possibly not wise to go into operation of stream gauging unless the State co-operated. In any

case, government engineers were absolutely prohibited from making surveys for private individuals.

State co-operation with the Geological Survey engineers was found in some cases to cause undue expense in installing or maintaining gauge stations. One case was cited where the cost of installing a recording gauge and cable station was 50 per cent greater than it would have been had it been under one control. It was found, however, that in the majority of the states, co-operation was found to greatly facilitate the gathering of stream flow data.

A paper on some conditions requiring the use of recording gauges was read. Fifty per cent of the recording gauges had to be placed owing to the unreliability of observers. The significance of this point could not be overemphasized. Staff gauge observers have been caught absent from their posts for two or three weeks at a time; upon returning they had filled in fictitious readings, in some cases causing errors of over 30 per cent to creep into the final flow computations.

A paper brought out the necessity of using recording gauges when a stream has artificial control. Particularly is this necessary when two or more powerhouses under different control are situated at the same fall. Some interesting anecdotes were told relating to the inefficiency of some gauge observers. In speaking of the various types of recording gauges, a Stevens gauge was described that ran for three months without being visited at a station where it was impossible to secure an observer. This type of gauge is run by a weight-driven clock. the weight dropping at the rate of 7 feet per month, and the clock therefore running as long as there is enough chain and space to permit of the movement of the power weight. A very convenient style of portable recording gauge was set up at a cost of 59 cents, this being for expressage. This type of instrument. is used principally where only a short period of readings is required. It is very cheap and can be set up in half a day. The Gurley Simplex gauge which runs for two days is another style used where only a short period of records is required. A properly attended recording gauge station will not exceed in cost the ordinary staff or chain gauge station.

Recording gauges should be placed at power plants, storage reservoirs and at outlying stations where the gauge reader could not be visited frequently.

One spoke of doubting whether a certain observer made regular visits to the recording gauge or not, although the man stated that he never missed a day. A Veeder counter was placed just inside the gauge house and connected to the door. The observer was told that it was a new kind of barometer. When the station was visited three weeks later, the counter showed the door to have been opened twice.

A representative of the Gurley Company described the different types of gauges manufactured by them. The weight-driven printing gauge was described as being the only one of its kind and is now being used extensively throughout the United States and Canada. The weight drops $1\frac{1}{4}$ inches per day.

Various types of gauges and their connections, including a transmission gauge, were thoroughly discussed. Probably the simplest and strongest instruments are those turned out by the Gurley people. The Stevens gauges have a unique invention whereby they will continue to record water levels that may exceed the limits for which the gauge is installed. This is accomplished by a device which causes the pencil to reverse its motion automatically when it reaches the limit of the record sheet. A good practice to follow in installing gauges is to make a \frac{1}{4}-inch hole in the float pipe for each square foot of water surface Ventilation is necessary, either directly from the gauge well or through the house, preferably the latter.

In several districts it had been found from practical experience that it was advisable to have an observer make frequent visits to the recording gauges.

The Freize and Gurley graph gauges were both described as being unlimited in their range, the Gurley gauges having the advantage of simplicity in construction, and possibly better clock movements. An instrument by which mean daily discharges could be quickly taken off recording gauges was described. The instrument is not yet perfected, but the results so far obtained have shown it to be practical.

A paper dealing with installations gave some instances where recording gauges had been installed at a cost of less than \$50, and others where the cost had exceeded \$400. Pictures were shown of a house built of boulders, no

other material being available. This cost \$320 without the gauge.

Costs in Honolulu, Hawaii, for installing recording gauges varied between \$50 and \$100. Corrugated iron pipe is used extensively wherever it can be procured at a reasonable price.

Eighty-five recording gauges are in use in Arizona, and staff gauges are

being replaced with the former type as soon as is permissible.

Bristol pressure gauges came up for discussion, but were soon disposed of. Experiments had been carried on with this style of gauge at Spier Falls, N.Y. The gauge was placed alongside of a Gurley Simplex recording gauge at a station well equipped for such a purpose. Differences were found of more than a tenth of a foot between the Bristol records and the actual water levels. This inaccuracy in the Bristol gauge was not in any degree caused by temperature changes. At the present time no Bristol gauges are being used by the survey.

Mr. G. C. Stevens, the inventor of the Stevens gauge, stated that he could

supply floats that would work in inclined pipes.

A paper on artificial controls dealt mainly with small streams where the water was in such demand that accurate and permanent records were of immense value. Experience had shown that weirs do not often give a true relation to the weir formulæ, but in the end form an ideal permanent control which can readily be rated by current-meter measurements taken at various depths of water over the crest.

A paper on the computations of records and methods of filing the sheets containing them was read. It was thought possible to reduce errors to a minimum by the use of recording gauges. If proper care were devoted to the selection of a site and to the installation of the gauge, errors should not exceed two per cent for ordinary stations, and where exceptional accuracy is required, 1 per cent. If the graphs show much irregularity, the daily means should be taken off with a planimeter, but if they are fairly regular, the daily mean arrived at from hourly readings will be sufficiently close.

Another writer on the same subject considered that one of the big problems of the day in connection with the use of recording gauges was to find an accurate method of computing the mean daily discharge. By using hourly gauge heights, the results will almost invariably be negative. He referred to an article in the Engineering News for the 27th August, 1914, which describes a quick method for taking off discharges directly from the original graphs.

An illustrated talk described conditions on the island of Hawaii. The streams on this island seldom have a greater drainage area than 10 square miles. The annual rainfall sometimes amounts to 600 inches in certain parts of the island, the known maximum for twenty-four hours being over 27 inches. This is slightly less than the highest rainfall on record, which occurred in the Philippines at Bagnio (elevation, 5,000 feet), Northern Luzon island being 38 5 inches in twenty-four hours, and 60 inches in fifty-two hours. The speaker said that he found corrugated iron to be the most economical material for the wells and houses; it could also hold its own in strength and durability. It was necessary to use the lightest material obtainable owing to the long distances supplies had to be transported by packmen. The Japanese made the best workmen,

and were always employed in preference to the natives. As the latter were also failures as gauge attendants, the engineers preferred to do their own "guessing." The average cost of recording gauges and their installations came to \$300 each.

The question of drainage areas was taken up in a paper which dealt principally with scales at present used by the various branches of the survey, and with methods of measurement. For drainage areas over 1,000 square miles, maps to a scale of 1-500000 gave sufficiently accurate results. Within a short period the whole of the United States will be covered by surveys, and contour maps will be published to the above scale.

Secretary Lane of the Interior Department visited the conference and gave a short address. He spoke of the country's water-courses as being one of its greatest assets, even more important than its coal, and equally important with its lands. Speaking of the method employed by Great Britain in India, he quoted Sir William Wilcox as saying, "It makes no difference who owns the land, as long as the Government owns the water." He thought that in all probability

the United States would soon come to the same opinion.

A paper explained the usefulness of the ground-water division of the service, and cited some of the instances where it was particularly valuable. A plea was put in for the co-operation of the engineers throughout the United States. Lack of funds rendered it impossible to make more than a cursory survey of a few widely scattered sections. It was found very difficult to ascertain the relation between

evaporation from land and that from water surface.

The relations between the Washington office and the field was the subject of apaper read by one of the Washington engineers. The use of adding and computing machines was considered in detail, the former being particularly useful for all offices where gauge records were received. A new attachment for the Dalton adding machine was also described. This makes it possible for the adding and tabulation of the gauge and discharge records to be done in one operation on the standard size gauge sheets.

Mrs. D. B. Wood, editress in the Washington office, read a paper on the preparation of manuscripts for publication. The paper dealt partly with the lax methods of a good many of the district engineers in not paying proper attention to the very careful set of rules drawn up by the central office. The paper although goodnatured throughout, was a severe rebuke to delinquents. Directions were given regarding the proper use of titles and sub-titles in reports, and attention was drawn to other necessary points that the author should thoroughly

work out before submitting his manuscript to the editorial office.

Mr. J. C. Hoyt, in his paper on the preparation of illustrations for reports, showed some excellent reproductions from what were very poor photographs,

retouched before being sent to the engraver's.

A paper on the limitations in the analysis of base data brought out the necessity of devoting careful attention to all meterings that have been discarded for any reason, or that do not apparently agree with a series of other meterings made at the same point.

In the ensuing discussion, an engineer told of some meterings that had been discarded but were, upon being carefully compared with the stream slope, found

to be only slightly in error.

The use of the automobiles in stream gauging work was described, showing how a large saving in the cost of transportation was effected since the adoption of these machines. A much greater territory was also covered than would otherwise have been possible with the same appropriation.

Two of the authors of Water Supply Paper No. 345-E, which sets forth a method of determining the daily discharge of rivers of variable slope, described some further experiments that be had made along the same lines. This latter work verified in every way the correctness of the principle set forth in the above paper.

A paper describing general conditions in New York state, referred particularly to the installation of recording gauges. Although temperatures have dropped as low as 35 degrees below zero, they have not experienced any trouble from water freezing in the wells. It was found, however, that electric gauges gave out in extremely cold weather. Throughout the greater part of the state, low water occurs during August and September, the water going higher in January and February.

Two papers on stream gauging and its relation to hydraulics were the last to be read at the conference. Some fine slides were shown with these papers, illustrating some of the uses to which stream gauging data can be put, and the

ultimate results.

The conference closed on Saturday evening, the 12th inst., with short addresses by Messrs. Grover and J. C. Hoyt.

Monday, the 14th inst., was spent in examining recording gauges and other

instruments, and going through the various branches of the service.

Summing up the principal features of the papers and discussions, the practicability of the following suggestions might be emphasized, viz.—

(1) A type or recording gauge capable of running for eight days without

re-winding, to be adopted.

(2) Recording gauges to be used for all important rivers, more especially where there is a varying daily fluctuation, caused by the operation of power or storage dam.

(3) Results of meterings to be made available as promptly as possible after

the actual field work is done.

(4) Gauge readings to be examined and entered directly the cards arrive in the office, all questionable records investigated without delay, and missing cards written for.

(5) Complete cost data to be kept of all work, year by year, efforts constantly made to improve the efficiency of the work, while at the same time cutting out unnecessary expenses.

(6) A system of filing to be adopted, which will be readily understood

by any one of the office staff, and kept in the charge of one person.

A great many interesting and important points were brought out which cannot be included here. The papers, however are to be mimeographed and copies sent to those attending the conference.

Respectfully submitted,

Your obedient servant.

SYDNEY B. JOHNSON, Hydraulic Engineer.

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Quinze Lake at Douglas Farm, for 1909-10.

Table No.1.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
4			857 · 8 857 · 8 857 · 7	855 · 4 855 · 3 855 · 2 	854-4 854-3 854-4 854-5 854-5	853·7 853·8 853·8 853·9	853 · 7 853 · 7 853 · 7 853 · 7 853 · 7	854 · 1 854 · 1 854 · 0 854 · 1 854 · 1	853 · 7 853 · 7 853 · 7 853 · 7 853 · 6	853 · 3 853 · 2 853 · 2 853 · 1 853 · 1	852 · 6 852 · 6 852 · 6 852 · 6 852 · 6	852 · 2 852 · 2 852 · 1 852 · 1 852 · 1
6 7 8 9 10			857 · 5 857 · 4 857 · 4 857 · 3 857 · 3	855 · 1 854 · 8 854 · 7 854 · 7 854 · 5	854 · 5 854 · 5 854 · 4 854 · 3 854 · 2	854 · 0 854 · 1 854 · 2 854 · 2 854 · 2	\$53 · 7 853 · 7 853 · 7 853 · 7 853 · 7	854-1 854-0 854-1 854-1	853 · 6 853 · 6 853 · 6 853 · 5 853 · 5	853·1 853·0 853·0 853·0 853·0	852·5 852·5 852·5 852·5 852·5	852·1 852·2 852·2 852·2 852·2
11			857 · 1 857 · 0 857 · 0 857 · 0 857 · 0	854 · 5 854 · 4 854 · 3 854 · 2 854 · 1	854 · 2 854 · 1 854 · 1 854 · 1 854 · 0	854 · 2 854 · 1 854 · 1 854 · 0 853 · 9	853 · 7 853 · 7 853 · 8 853 · 8 853 · 9	854-1 854-1 854-1 854-0 854-0	853 · 4 853 · 4 853 · 4 853 · 4 853 · 4	852 · 9 852 · 9 852 · 9 852 · 9 852 · 9	852·5 852·5 852·5 852·4 852·4	852·2 852·2 852·2 852·2 852·2
			856 · 9 856 · 8 856 · 7 856 · 6 856 · 5	\$54.0 853.9 853.9 853.9 853.9	854 · 0 854 · 0 854 · 0 854 · 0 853 · 9	853 · 8 853 · 8 853 · 8 853 · 7 853 · 7	854 · 0 854 · 0 854 · 1 854 · 2 854 · 2	854 · 1 853 · 9 853 · 9 853 · 8 853 · 8	853 · 5 853 · 5 853 · 5 853 · 5 853 · 4	852 · 9 852 · 9 852 · 9 852 · 9 852 · 9	852 · 4 852 · 4 852 · 4 852 · 3 852 · 3	852·2 852·2 852·2 852·2 852·2
21 22 23 24 25			856 · 4 856 · 3 856 · 3 856 · 2 856 · 2	\$53 · 9 \$53 · 9 \$53 · 9 \$53 · 9 \$53 · 9	854 · 0 853 · 9 853 · 9 853 · 9 853 · 9	853 · 7 853 · 7 853 · 7 853 · 7 853 · 7	854 · 2 854 · 2 854 · 2 854 · 1 854 · 1	853 · 8 853 · 8 853 · 8 853 · 8 853 · 7	853 · 4 853 · 4 853 · 5 853 · 5 853 · 4	852 · 9 852 · 8 852 · 8 852 · 8 852 · 7	\$52.3 852.3 852.3 852.3 852.3	852·2 852·2 852·2 852·2 852·2
27		858-6	856·1 856·0 856·0 855·8 855·6	853 · 9 854 · 1 854 · 2 854 · 3 854 · 5 854 · 5	853 · 9 853 · 9 853 · 8 853 · 8 853 · 8 853 · 7	853 · 7 853 · 7 853 · 7 853 · 7 853 · 7	854 · 0 854 · 0 854 · 1 854 · 1 854 · 1 854 · 1	853 · 7 853 · 7 853 · 7 853 · 7 853 · 7	853 · 4 853 · 4 853 · 4 853 · 3 853 · 3 853 · 3		852·2 852·2 852·2	852-2

ELEVATIONS above M.S.L. of Quinze Lake at Douglas Farm, for 1910-11.

TABLE No. 2.

1 2 3 4 5	852·6 852·8 852·8 853·0 853·2	856·1 855·5 856·1 855·5 856·0 855·5 856·0 855·4 856·0 855·4	854 · 0 854 · 0 853 · 9 853 · 8 853 · 8	853 · 1 853 · 1 853 · 1 853 · 1 853 · 1	853 · 4 853 · 4 853 · 5 853 · 5 853 · 5	853 · 4 853 · 4 853 · 5 853 · 5 854 · 1	854-6 854-6 854-6 854-6 854-7	853 · 8 853 · 8 853 · 8 853 · 8 853 · 7	853 · 2 853 · 2 853 · 2 853 · 2 853 · 2	852·4 852·5 852·5 852·4 852·4	852·0 852·0 852·0 852·0 852·0
6 7 8 9	853 · 5 853 · 8 854 · 1 854 · 1 854 · 4	856-0 855-4 856-0 855-4 855-9 855-3 855-8 855-3 855-8 855-3	853 · 7 853 · 7 853 · 7 853 · 7 853 · 6	853 · 0 853 · 0 853 · 0 853 · 0 853 · 0	853 · 5 853 · 5 853 · 5 853 · 5 853 · 4	854·5 854·7 854·8 854·9 854·9	\$54.7 \$54.6 \$54.6 \$54.6 \$54.6	853 · 7 853 · 7 853 · 6 853 · 6 853 · 6	853·3 853·3 853·3 853·3 853·2	$852 \cdot 4$ $852 \cdot 4$ $852 \cdot 4$ $852 \cdot 3$ $852 \cdot 2$	852 · 0 852 · 0 852 · 0 852 · 0 852 · 0
11 12 13 14 15	854-6 855-6 855-6 855-6 855-6	855 · 8 855 · 2 855 · 7 855 · 2 855 · 6 855 · 6	853 · 6 853 · 7 853 · 6 853 · 6 853 · 6	853·0 852·9 852·9 852·9 852·9	853 · 4 853 · 3 853 · 3 853 · 3 853 · 3	855·0 855·0 855·1 855·0 854·8	\$54.6 854.5 \$54.5 854.4 854.4	853 · 5 853 · 4 853 · 4 853 · 4 853 · 4	853 · 2 853 · 2 853 · 2 853 · 2 853 · 2	$\begin{array}{c} 852 \cdot 2 \\ 852 \cdot 2 \end{array}$	$852 \cdot 0$ $852 \cdot 0$ $852 \cdot 0$ $852 \cdot 0$ $851 \cdot 8$
16	855 · 0 855 · 1 855 · 2 855 · 3 855 · 5	855-6 855-6 855-5 855-5 855-5	853 · 5 853 · 4 853 · 4 853 · 4 853 · 4	852·9 852·9 852·9 852·9 852·9	$\begin{array}{c} 853 \cdot 2 \\ 853 \cdot 2 \end{array}$	854·7 854·7 854·7 854·7 854·7	854·5 854·3 854·3 854·4 854·4	853 · 4 853 · 4 853 · 4 853 · 4 853 · 4	$\begin{array}{c} 853 \cdot 1 \\ 853 \cdot 0 \\ 852 \cdot 9 \\ 852 \cdot 8 \\ 852 \cdot 8 \end{array}$	852 · 2 852 · 2 852 · 2 852 · 2 852 · 2 852 · 2	851 · 8 851 · 8 851 · 9 851 · 8 851 · 8
21	855 · 6 855 · 7 854 · 9 854 · 9 854 · 9	855·5 854·5 855·5 854·4 855·4 854·4 855·4 854·4	853·3 853·3 853·3 853·2 853·2	852·9 852·9 852·9 852·8 852·8	$\begin{array}{c} 853 \cdot 2 \\ 853 \cdot 2 \\ 853 \cdot 2 \\ 853 \cdot 1 \\ 853 \cdot 1 \end{array}$	854-7 854-7 854-6 854-6	854 · 2 854 · 2 854 · 3 854 · 1 854 · 2	853·3 853·3 853·2 853·2 853·3	$\begin{array}{c} 852 \cdot 7 \\ 852 \cdot 6 \\ 852 \cdot 5 \\ 852 \cdot 5 \\ 852 \cdot 5 \\ 852 \cdot 5 \end{array}$	$\begin{array}{c} 852 \cdot 1 \\ 852 \cdot 0 \end{array}$	851 · 8 851 · 8 851 · 8 851 · 8 851 · 8
26	854 · 9 856 · 0 856 · 1 856 · 1 856 · 1	855·4 854·3 855·4 854·2 855·4 854·2 855·4 854·2 855·4 854·1 855·4	853 · 2 853 · 2 853 · 2 853 · 2 853 · 1 853 · 1	852 · 9 853 · 1 853 · 2 853 · 3 853 · 3 853 · 4	853·1 853·2 853·2 853·3 853·3	854 · 7 854 · 7 854 · 7 854 · 7 854 · 7 854 · 7	854 · 1 854 · 1 854 · 1 854 · 0 853 · 9	853 · 2 853 · 2 853 · 2 853 · 2 853 · 2 853 · 2	852-5	852·0 852·0 852·0	851 · 8 851 · 8 851 · 8 851 · 8 851 · 8 851 · 7

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Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	851·7 951·7 851·7 851·7 851·7	855 · 8 856 · 2 856 · 4 856 · 5 856 · 6	856·5 856·4 856·4 856·3 856·2	854·1 854·1 854·0 854·0 853·9	853·1 853·1 853·2 853·2 853·2	852·7 852·6 852·6 852·6 852·6	852·4 852·3 852·3 852·3 852·2	853·2 853·2 853·2 853·3 853·3	853 · 6 853 · 6 853 · 6 853 · 6 853 · 6	853 · 6 853 · 6 853 · 6 853 · 5 853 · 5	852·8 852·8 852·7 852·7 852·7	852·3 852·3 852·2 852·2 852·2
6	851 · 8 851 · 8 851 · 8 851 · 7 851 · 7	856·7 856·7 856·8 856·8	856 · 2 856 · 0 855 · 8 855 · 7 855 · 6	853 · 9 853 · 9 853 · 8 853 · 7 853 · 6	. 853 · 2 853 · 1 853 · 2 853 · 2 853 · 1	852 · 6 852 · 6 852 · 6 852 · 6 852 · 6	852 · 2 852 · 2 852 · 2 852 · 1 852 · 1	853 · 3 853 · 3 853 · 2 853 · 2 853 · 3	853 · 5 853 · 5 853 · 5 853 · 5 853 · 4	853 · 5 853 · 5 853 · 3 853 · 3 853 · 3	852·7 852·7 852·7 852·6 852·6	852 · 2 852 · 2 852 · 2 852 · 1 852 · 1
11	851·7 851·7 851·7 851·8 851·8	856·8 856·6 856·7 856·8 856·8	855·5 855·6 855·7 855·5 855·5	853 · 6 853 · 5 853 · 5 853 · 5 853 · 4	853 · 1 853 · 0 853 · 0 853 · 1 853 · 1	852 · 6 852 · 5 852 · 5 852 · 5 852 · 5	852 · 1 852 · 1 852 · 1 852 · 1 852 · 1	853 · 3 853 · 4 853 · 5 853 · 7 853 · 8	853 · 5 853 · 5 853 · 5 853 · 6 853 · 6	853·3 853·3 853·2 853·2 853·2	852 · 6 852 · 6 852 · 6 852 · 6 852 · 6	852 · 1 852 · 1 852 · 1 852 · 1 852 · 1
16	851 · 8 851 · 8 852 · 0 852 · 1 852 · 2	856·8 856·8 856·8 856·8 856·8	855 · 4 855 · 3 855 · 2 855 · 1 855 · 0	853 · 4 853 · 4 853 · 3 853 · 3 853 · 3	853 · 1 853 · 1 853 · 1 853 · 0 853 · 0	852 · 6 852 · 6 852 · 6 852 · 5 852 · 5	$852 \cdot 1$ $852 \cdot 1$ $852 \cdot 1$ $852 \cdot 1$ $852 \cdot 0$	853 · 9 853 · 9 853 · 9 853 · 9 853 · 9	853 · 7 853 · 8 853 · 8 853 · 8 853 · 8	853 · 2 853 · 2 853 · 1 853 · 1 853 · 1	852 · 6 852 · 6 852 · 6 852 · 6 852 · 5	$\begin{array}{c} 852 \cdot 1 \\ 851 \cdot 1 \\ 852 \cdot 1 \\ 852 \cdot 1 \\ 852 \cdot 0 \end{array}$
21	852·3 852·4 852·6 852·8 853·0	856 · 8 856 · 8 856 · 7 856 · 7 856 · 8	854 · 9 854 · 8 854 · 7 854 · 7 854 · 6	853·2 853·1 853·1 853·2 853·1	853·0 852·9 852·9 852·9 852·8	852·5 852·5 852·5 852·5 852·5	852·1 852·2 852·3 852·4 852·6	853 · 9 853 · 9 853 · 9 853 · 9 853 · 8	853 · 8 853 · 8 853 · 8 853 · 8 853 · 8	853 · 0 853 · 0 853 · 0 853 · 0 853 · 0	852·5 852·5 852·5 852·5 852·4	852·0 852·0 852·0 852·0 852·0
26. 27. 28. 29. 30.	853·3 853·7 854·1 854·7 855·3	856-8 856-8 856-7 856-6 856-6	854·5 854·4 854·3 854·2 854·2	853·1 853·1	852·8 852·8 852·8 852·8 852·7 852·7	852·4 852·4 852·4 852·4 852·4	852·7 852·8 852·8 852·9 853·1 853·1	853 · 7 853 · 7 853 · 7 853 · 7 853 · 7	853 · 8 853 · 8 853 · 9 853 · 9 853 · 8 853 · 7	852·9 852·9 852·9 852·9 852·8 852·8	852·4 852·4 852·4 852·4	852.0 852.0 851.9 851.9 851.9 851.9

ELEVATIONS above M.S.L. of Quinze Lake at Douglas Farm, for 1912-13.

TABLE No. 4.

											IADLE	10. 4.
1 2 3 4 5	851 · 8 851 · 8 851 · 8 851 · 8 851 · 8	855 · 1 855 · 2 855 · 3 855 · 4 855 · 5	857·3 857·2 857·2 857·2 857·2	855·7 855·6 855·5 855·5 855·4	854·0 854·0 853·9 853·8 853·8	853 · 4 853 · 4 853 · 4 853 · 4 853 · 4	853·7 853·7 853·7 853·7 853·7	854 · 1 854 · 1 854 · 0 854 · 1 854 · 3	853 · 7 853 · 7 853 · 7 853 · 7 853 · 6	853 · 2 853 · 2 853 · 1 853 · 1 853 · 1	852·7 852·7 852·7 852·7 852·7	852·6 852·6 852·6 852·6 852·6
6	851 · 8 851 · 8 851 · 8 851 · 8 851 · 9	855-6 855-6 855-6 855-7 855-7	857·1 857·0 856·9 856·8 856·8	855·4 855·4 855·3 855·3 855·3	853 · 7 853 · 7 853 · 6 853 · 6 853 · 5	853 · 4 853 · 3 853 · 3 853 · 3 853 · 2	853 · 7 853 · 6 853 · 6 853 · 6 853 · 6	854·3 854·3 854·3 854·3 854·3	853 · 6 853 · 6 853 · 6 853 · 6 853 · 6	853·1 852·9 852·9 852·9 852·9	852·7 852·7 852·7 852·7 852·7	852·6 852·6 852·6 852·6 852·6
11	851 · 9 851 · 9 852 · 0 852 · 0 852 · 1	855 · 7 855 · 8 856 · 0 856 · 1 856 · 2	856·7 856·6 856·5 856·4	855·2 855·2 855·1 855·1 855·1	853·5 853·5 853·5 853·4 853·4	853 · 2 853 · 2 853 · 2 853 · 1 853 · 1	853·7 853·7 853·7 853·6 853·6	854·1 854·1 854·0 854·0 854·0	853 · 6 853 · 6 853 · 5 853 · 5	852·9 852·9 852·9 852·8 852·8	852·6 852·6 852·6 852·6 852·6	852·6 852·6 852·6 852·6 852·4
16	$\begin{array}{c} 852 \cdot 1 \\ 852 \cdot 2 \\ 852 \cdot 4 \\ 852 \cdot 6 \\ 852 \cdot 7 \end{array}$	856·4 856·5 856·6 856·7 856·8	856·4 856·3 856·3 856·3 856·3	855·1 855·0 855·0 855·0 855·0	853 · 4 853 · 3 853 · 3 853 · 2 853 · 2	853 · 1 853 · 0 853 · 0 853 · 0 853 · 0	853 · 6 853 · 6 853 · 6 853 · 6 853 · 7	854·0 853·9 853·9 853·9 853·8	853·5 853·5 853·5 853·5 853·5	852 · 8 852 · 8 852 · 8 852 · 8 852 · 8 852 · 8	852 · 6 852 · 6 852 · 6 852 · 6 852 · 6	852·4 852·4 852·4 852·4 852·3
21	852·9 853·1 53·2 853·4 853·5	856 · 8 856 · 9 856 · 9 856 · 9 856 · 9	856·3 856·3 856·1 856·1 856·1	854 · 9 854 · 8 854 · 8 854 · 7 854 · 6	853 · 2 853 · 1 853 · 1 853 · 2 853 · 2	853 · 0 853 · 0 853 · 1 853 · 2 853 · 2	853 · 7 853 · 7 853 · 7 853 · 7 853 · 8	853 · 7 853 · 7 853 · 7 853 · 8 853 · 8	853 · 5 853 · 5 853 · 4 853 · 4 853 · 4	852·8 852·8 852·7 852·7 852·7	852 · 6 852 · 6 852 · 6 852 · 6 852 · 6	852·3 852·3 852·3 852·3 852·3
26. 27. 28. 29. 30.	853 · 7 854 · 0 854 · 4 854 · 7 854 · 9	$\begin{array}{c} 856 \cdot 9 \\ 857 \cdot 0 \\ 857 \cdot 1 \\ 857 \cdot 2 \\ 857 \cdot 3 \\ 857 \cdot 3 \end{array}$	856·1 856·0 855·9 855·8 855·8	854 · 6 854 · 4 854 · 3 854 · 3 854 · 2 854 · 1	853 · 2 853 · 3 853 · 3 853 · 3 853 · 3 853 · 3	853 · 2 853 · 3 853 · 5 853 · 6 853 · 6	853 · 9 853 · 9 854 · 0 854 · 0 854 · 1 854 · 1	853 · 7 853 · 7 853 · 7 853 · 7 853 · 7	853·3 853·3 853·2 853·2 853·2 853·2	852 - 7	852·6 852·6 852·6	$\begin{array}{c} 852 \cdot 2 \\ 852 \cdot 1 \end{array}$

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Quinze Lake at Douglas Farm, for 1913-14.

TABLE NO. 5.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	852·1 852·1 852·1 852·1 852·1	856·8 856·9 856·9 856·9 857·0	855 · 8 855 · 7 855 · 7 855 · 7 855 · 7	854 · 0 853 · 9 853 · 9 853 · 8 853 · 8	853 · 3 853 · 3 853 · 3 853 · 3 853 · 2	852·8 852·8 852·8 852·8 852·8	852·9 852·9 852·9 852·9 853·0	854 · 2 854 · 1 854 · 1 854 · 1 854 · 1	855·3 855·4 855·2 855·1 855·1	854 · 2 854 · 2 854 · 2 854 · 1 854 · 0	853·3 853·3 853·3 853·2 853·2	853 · 0 853 · 0 853 · 0 853 · 0 852 · 9
6	852 · 0 852 · 0 852 · 0 852 · 0 852 · 0	857 · 0 857 · 1 857 · 1 857 · 0 857 · 0	855·7 855·6 855·6 855·7 855·6	853 · 6 853 · 6 853 · 6 853 · 6 853 · 5	853 · 2 853 · 2 853 · 2 853 · 1 853 · 1	852 · 8 852 · 8 852 · 7 852 · 7 852 · 7	853 · 0 853 · 0 853 · 0 853 · 0 853 · 0	854·1 854·1 854·1	855·1 855·0 855·1 855·0 854·9	854 · 0 853 · 9 853 · 9 853 · 8 853 · 8	853 · 2 853 · 2 853 · 2 853 · 2 853 · 2	852 · 9 852 · 9 852 · 9 852 · 8 852 · 8
11	852·0 852·0 852·0 852·0 852·0	857·0 856·9 856·9 856·9 856·8	855·6 855·5 855·4 855·3 855·2	853 · 5 853 · 5 853 · 5 853 · 5 853 · 5	853 · 1 853 · 1 853 · 1 853 · 0 852 · 9	852·7 852·7 852·7 852·7 852·7	853 · 0 852 · 9 852 · 9 852 · 9 852 · 9		855 · 0 854 · 9 854 · 9 854 · 9 854 · 8	853 · 7 853 · 7 853 · 7 853 · 7 853 · 7	853 · 2 853 · 2 853 · 2 853 · 2 853 · 1	852 · 8 852 · 8 852 · 8 852 · 8 852 · 8
16	852·0 852·1 852·1 852·1 852·2	856 · 8 856 · 6 856 · 5 856 · 5 856 · 5	855 · 1 855 · 0 854 · 9 854 · 8 854 · 8	853 · 5 853 · 5 853 · 5 853 · 5 853 · 5	852 · 8 852 · 7 852 · 7 852 · 7 852 · 7	852·7 852·7 852·7 852·7 852·7	852 · 9 852 · 9 853 · 0 853 · 0 853 · 1	854 · 7 854 · 7 854 · 6	854 · 8 854 · 7 854 · 7 854 · 7 854 · 6	853 · 6 853 · 6 853 · 6 853 · 6 853 · 6	853 · 1 853 · 1 853 · 1 853 · 1 853 · 1	852·8 852·8 852·8 852·8 852·8
21	852·3 852·6 852·9 853·7 854·3	856 · 4 856 · 4 856 · 4 856 · 3 856 · 3	854·7 854·6 854·6 854·5 854·4	853 · 5 853 · 5 853 · 5 853 · 5 854 · 4	852 · 6 852 · 6 852 · 6 852 · 6 852 · 6	852·7 852·7 852·8 852·8 852·8	853 · 2 853 · 3 853 · 3 853 · 4 853 · 6	854·6 854·6 854·7 854·8 854·9	854·6 854·5 854·5 854·4 854·3	853 · 6 853 · 5 853 · 5 853 · 4 853 · 4	853 · 1 853 · 1 853 · 1 853 · 1 853 · 1	852 · 7 852 · 7 852 · 7 852 · 7 852 · 7
26	855-6 855-9 856-3 856-6 856-8	856·3 856·2 856·2 856·1 856·0 855·9	854·3 854·3 854·2 854·1 854·1	853 · 4 853 · 4 853 · 4 853 · 4 853 · 4 853 · 4	852 · 6 852 · 6 852 · 6 852 · 7 852 · 7 852 · 7	852 · 8 852 · 8 852 · 8 852 · 8 852 · 8	853 · 7 853 · 9 854 · C 854 · 1 854 · 2 854 · 2	855·0 855·0 855·0 855·0	854·3 854·3 854·6 854·5 854·4 854·3		853 · 1 853 · 1 853 · 0	852·7 852·7 852·7 852·7 852·7 852·7

ELEVATIONS above M.S.L. of Quinze Lake at Douglas Farm, for 1914-15.

TABLE No. 6.

1 2 3 4 5	852 · 6 852 · 6 852 · 6 852 · 6 852 · 6	853·3 853·4 853·7 854·1 854·3	856·3 856·3 856·4 856·4 856·4	854 · 5 854 · 4 854 · 4 854 · 3 854 · 3	853 · 2 853 · 1 853 · 1 853 · 0 853 · 0	$852 \cdot 4$	851 · 8 851 · 8 851 · 8	852·0 852·0 852·0 852·0 852·0	852 · 9 852 · 9 852 · 9 853 · 0 853 · 0	852-9 852-9 852-9 852-9 852-9
6 7. 8. 9	852 · 6 852 · 6 852 · 6 852 · 6 852 · 6	854·5 854·8 855·2 855·4 855·7	856 · 4 856 · 3 856 · 3 856 · 3	$\begin{array}{c} 854 \cdot 2 \\ 854 \cdot 2 \\ 854 \cdot 1 \\ 854 \cdot 1 \\ 854 \cdot 0 \end{array}$	852·9 852·8 852·8 852·7 852·7	$852 \cdot 4$ $852 \cdot 3$ $852 \cdot 3$ $852 \cdot 3$ $852 \cdot 3$	851 · 8 851 · 8 851 · 8	852·0 852·1 852·1 852·1 852·1	853 · 0 853 · 0 853 · 0 853 · 0 853 · 0	852·9 852·9 852·9 852·9 852·9
11	852 · 6 852 · 5 852 · 5 852 · 5 852 · 5	856 · 1 856 · 7 856 · 7 856 · 7 856 · 6	856 · 2 856 · 2 856 · 2 856 · 1 856 · 0	854·0 853·9 853·9 853·8 853·8	852·7 852·7 852·6 852·6 852·6	$\begin{array}{c} 852 \cdot 2 \\ 852 \cdot 1 \end{array}$	851·8 851·9 851·9	852·1 852·1 852·1 952·1 852·1	853 · 0 853 · 0 853 · 0 853 · 0 853 · 0	852-9 852-9 852-9 852-9 852-9
16	852·5 852·5 852·5 852·6 852·6	856·6 856·4 856·3 856·3 856·3	855 · 9 855 · 7 855 · 6 855 · 5 855 · 4	853 · 7 853 · 6 853 · 6 853 · 6 853 · 5	$\begin{array}{c} 852 \cdot 6 \\ 852 \cdot 6 \\ 852 \cdot 5 \\ 852 \cdot 5 \\ 852 \cdot 5 \\ 852 \cdot 5 \end{array}$	$852 \cdot 1$ $852 \cdot 1$ $852 \cdot 1$ $852 \cdot 0$ $852 \cdot 0$	851·9 851·9 851·9	852·2 852·2 852·3 852·4 852·4	853 · 0 853 · 0 853 · 0 853 · 0 853 · 0	852·9 852·9 852·9 852·9 852·9
21 22 23 24 25	852-6 852-7 852-7 852-7 852-7	856·3 856·2 856·2 856·2 856·2	$\begin{array}{c} 855 \cdot 4 \\ 855 \cdot 4 \\ 855 \cdot 2 \\ 855 \cdot 2 \\ 855 \cdot 0 \end{array}$	853 · 5 853 · 5 853 · 5 853 · 5 853 · 4	$852 \cdot 5$ $852 \cdot 4$ $852 \cdot 4$ $852 \cdot 4$ $852 \cdot 4$	852·0 852·0 851·9 851·9 851·9	851·9 951·9 851·9	852·5 852·7 852·6 852·7 852·7		852·9 852·9 852·9
26 27 28 29 30 31	852·8 852·9 852·9 853·0 853·1	856-2 856-1 856-1 856-2 856-2 856-3	855-0 854-9 854-9 854-8 854-6	853 · 4 853 · 4 853 · 4 853 · 3 853 · 3 853 · 2	852·4 852·4 852·4 852·4 852·4 852·4	851·9 851·9 851·9 851·9 851·9	851 · 9 851 · 9 851 · 9 851 · 9	852·8 852·8 852·8 852·8 852·8	853·0 853·0 852·9 852·9	

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Marcl
								852 · 2	852 - 9	853 - 1	852-8	852
								852·2 852·2	852·9 852·9	853 - 0	852·8 852·8	852 852
								852.3	853.0	853.0	852.8	852
								852.3	853.0		852.7	852
								852.3	853.0	853.0	852.7	852
								852 · 4	853 · 1		852 - 7	85
								852·3 852·4	853 · 1 853 · 1	853·0 852·9	852·7 852·7	85: 85:
								852.4	853-1	852.9	852.7	85 85
								852 - 4	853 - 1	852.9	852 - 7	85
								852·4 852·4	853 · 1 853 · 1	853 · 0 853 · 0	852·7 852·7	85 85
								852.5	853 - 1	853.0	852.7	85
								852-5	853 - 1	853.0	852 - 7	85
								852·6 852·5	853 · 1 853 · 1	853 · 0 853 · 0	852 · 7 852 · 7	85 85
								852.7	853 - 1	853-0	852 - 6	85
								852 - 7	853 - 1	853 - 0	852.6	85
								852 - 8	853 - 1	853.0	852-6	85
								0.00	0.00	0.00		
								852·8 852·8	853 · 1 853 · 1	853 · 0 853 · 0	852·6 852·6	85 85
								852.8	853 - 1	852-9	852-6	89
								852.9	853 - 1	852 - 9	852.6	85
								852.9	853.0	852.9	852-5	85
								070.0	0*0 1	0.50 0	050.5	0.*
								852·9 852·9	853 · 1 853 · 0	852·9 852·9	852·5 852·5	85 85
							- (852.9	999.0	852.9	852 - 5	85
								852 - 9	853 - 1	852.9		85
								852.9	853 - 1	852.8		85
										852.8		85

Elevations above M.S.L. of Quinze River above dam, for 1914–15. $_{\rm TABLE\ No.}$

	1							1	TABLE	No. 8.
1	850 · 65 85 851 · 20 85 851 · 85 85	5·25 852·60 5·40 852·60 5·50 852·45 5·50 852·29 5·45 852·10	848 · 90 848 · 85 848 · 70 848 · 65 848 · 65	848-80 848-90 848-80 848-75 848-75	848 · 30 848 · 30 848 · 22 848 · 22 848 · 25	848 · 55 848 · 55 849 · 25 849 · 70 849 · 70	850 · 85 850 · 85 850 · 85 850 · 95 851 · 00	851-04 851-04 850-97 850-97 850-95	850 · 60 850 · 57 850 · 55 850 · 54 850 · 53	850 · 13 850 · 11 850 · 09 850 · 08 850 · 07
6	853·70 85 854·15 85 854·50 85	5·35 852 10 5·30 852·05 5·30 851·85 5·05 851·60 5·15 851·25	848-67 848-67 848-67 848-67 848-70	848 · 80 848 · 80 848 · 80 848 · 70 848 · 70	$\begin{array}{c} 848 \cdot 25 \\ 848 \cdot 30 \\ 848 \cdot 20 \\ 848 \cdot 25 \\ 848 \cdot 25 \end{array}$	849 · 70 849 · 75 849 · 75 849 · 80 849 · 95	851 · 00 851 · 05 851 · 10 851 · 12 851 · 14	850 · 96 851 · 04 851 · 00 851 · 00 851 · 00	850 · 53 850 · 53 850 · 51 850 · 47 850 · 47	850 · 06 850 · 05 850 · 04 850 · 02 849 · 99
11 12 13 14	855 · 05 85 855 · 00 85 854 · 95 85	5·15 851·25 4·95 851·05 4·95 850·65 4·95 850·55 4·75 850·55	848 · 70 848 · 80 848 · 80 848 · 75 848 · 75	848 · 65 848 · 65 848 · 65 848 · 65	$\begin{array}{c} 848 \cdot 25 \\ 848 \cdot 15 \\ 848 \cdot 25 \\ 848 \cdot 25 \\ 848 \cdot 25 \\ 848 \cdot 25 \end{array}$	849 · 95 850 · 00 850 · 00 850 · 10 850 · 15	851 · 15 851 · 15 851 · 15 851 · 10 851 · 10	850 · 99 850 · 97 850 · 96 850 · 95 850 · 93	850 - 47 850 - 44 850 - 42 850 - 42 850 - 43	849 · 93 849 · 90 849 · 88 849 · 87 849 · 85
16 17 18 19 20.	854 · 65 85 854 · 40 85 854 · 30 85	4 · 60 850 · 25 4 · 45 850 · 25 4 · 15 850 · 25 4 · 20 850 · 05 4 · 20 850 · 00	848 · 75 848 · 65 848 · 65 848 · 65 848 · 65	848-65 848-50 848-50 848-35	848 · 25 848 · 30 848 · 30 848 · 40 848 · 35	850 · 24 850 · 15 850 · 35 850 · 50 850 · 55	$851 \cdot 10$ $851 \cdot 10$ $851 \cdot 10$ $851 \cdot 10$ $851 \cdot 10$	850 · 85 850 · 90 850 · 88 850 · 86 850 · 85	850 · 41 850 · 44 850 · 44 850 · 34 850 · 32	849 · 80 849 · 78 849 · 76 849 · 75 849 · 72
21 22 847·10 23 847·15 24 847·45 25 847·60	854 · 15 85 854 · 15 85 854 · 15 85	4·15 849·95 4·05 850·05 3·85 850·05 3·85 849·85 3·55 849·75	848-65 848-65 848-65 848-60 848-63	848 · 30 848 · 20 848 · 30 848 · 35 848 · 35	848 · 35 848 · 40 848 · 35 848 · 35 848 · 35	850 · 55 850 · 60 850 · 65 850 · 65 850 · 70	851 · 10 851 · 10 851 · 07 851 · 03	850 · 85 850 · 84 850 · 83 850 · 83 850 · 81	$\begin{array}{c} 850 \cdot 31 \\ 850 \cdot 28 \\ 850 \cdot 25 \\ 850 \cdot 24 \\ 850 \cdot 20 \end{array}$	849-69 849-66 849-64 849-63 849-61
26 . 848-20 27 848-50 28 849-55 29 849-55 30 850-03 31	854-10 85° 854-10 85° 854-35 85°	3-35 849-70 3-15 849-67 3-05 849-64 3-00 849-55 2-85 849-50 849-15	848-70 848-75 848-80 848-93 848-85	848 · 35 848 · 35 848 · 35 848 · 30 848 · 30	848 · 35 848 · 40 848 · 40 848 · 50 848 · 55 848 · 55	850 · 75 850 · 75 850 · 75 850 · 75 850 · 80	851-04 851-03 851-01 851-04	850 · 78 850 · 75 850 · 70 850 · 69 850 · 66 850 · 64	850 · 16 850 · 12 850 · 11	849 · 58 849 · 58 849 · 58 849 · 57 849 · 55 849 · 53

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Quinze River below Maple Rapids, for 1912–13.

TABLE NO. 9

			_				_			-		
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar ch
1		823 · 21 823 · 51 823 · 76 823 · 98 824 · 11	828 · 16 828 · 11 827 · 81 827 · 81 827 · 81	824 · 63 824 · 31 824 · 13 823 · 93 823 · 83	821 · 06 820 · 96 820 · 76 820 · 66 820 · 56	819-86 819-81 819-81 819-71 819-71	820-31 820-31 820-31 820-36 820-43	821 · 28 821 · 16 821 · 16 821 · 01 821 · 06	820·31 820·31 820·31 820·16 820·11	819·31 819·27 819·11 819·01 819·16	818-56 818-51 818-51 818-51 818-41	\$17.81 817.81 817.81 817.81 817.81
6	817-21 817-21 817-26	$\begin{array}{c} 824 \cdot 21 \\ 824 \cdot 31 \\ 824 \cdot 38 \\ 824 \cdot 46 \\ 824 \cdot 73 \end{array}$	$\begin{array}{c} 827 \cdot 81 \\ 827 \cdot 73 \\ 827 \cdot 51 \\ 827 \cdot 41 \\ 827 \cdot 21 \end{array}$	823 · 63 823 · 53 823 · 63 823 · 58 823 · 41	$\begin{array}{c} 820 \cdot 48 \\ 820 \cdot 36 \\ 820 \cdot 31 \\ 820 \cdot 31 \\ 820 \cdot 26 \end{array}$	819·71 819·53 819·51 819·48 819·46	820 · 38 820 · 26 820 · 41 820 · 38 820 · 41	821 · 16 821 · 16 821 · 11 821 · 01 821 · 03	820 · 16 820 · 06 820 · 11 820 · 16 820 · 16	819 · 16 819 · 11 819 · 11 819 · 06 819 · 01	818 · 41 818 · 36 818 · 31 818 · 31 818 · 31	817 · 91 817 · 76 817 · 76 817 · 71 817 · 71
11 12 13 14 15	817 · 26 817 · 28 817 · 36 817 · 43 817 · 56	824 · 76 824 · 98 825 · 18 825 · 43 825 · 68	827.01 826.86 826.71 826.63 826.53	$\begin{array}{c} 823 \cdot 41 \\ 823 \cdot 31 \\ 823 \cdot 21 \\ 823 \cdot 26 \\ 823 \cdot 28 \end{array}$	820 · 08 820 · 01 819 · 96 819 · 81 819 · 78	$\begin{array}{c} 819 \cdot 43 \\ 819 \cdot 33 \\ 819 \cdot 31 \\ 819 \cdot 26 \\ 819 \cdot 26 \end{array}$	820 · 33 820 · 06 820 · 01 820 · 08 820 · 26	821 · 01 820 · 93 821 · 06 821 · 01 820 · 83	820 · 16 820 · 16 820 · 13 820 · 06 820 · 01	818-96 818-91 818-86 818-86 818-81	$818 \cdot 26$ $818 \cdot 21$ $818 \cdot 21$ $818 \cdot 16$ $818 \cdot 11$	817 · 71 817 · 66 817 · 66 817 · 66 817 · 66
16 17 18 19 20	817-68 817-88 818-13 818-38 818-66	826 · 11 826 · 21 826 · 46 826 · 71 826 · 83	826 · 28 826 · 16 826 · 16 826 · 11 826 · 06	$\begin{array}{c} 823 \cdot 41 \\ 823 \cdot 31 \\ 823 \cdot 31 \\ 823 \cdot 11 \\ 822 \cdot 88 \end{array}$	$819 \cdot 66$ $819 \cdot 58$ $819 \cdot 51$ $819 \cdot 48$ $819 \cdot 41$	819 · 16 819 · 01 818 · 98 819 · 03 819 · 16	$\begin{array}{c} 820 \cdot 23 \\ 820 \cdot 23 \\ 820 \cdot 28 \\ 820 \cdot 26 \\ 820 \cdot 36 \end{array}$	820 · 73 820 · 71 820 · 71 820 · 71 820 · 61	820 · 03 819 · 96 819 · 91 819 · 76 819 · 73	818-81 818-81 818-71 818-71 818-71	818-11 818-11 818-09 818-06 818-06	817-66 817-66 817-71 817-71
21	818 · 88 819 · 23 819 · 51 819 · 83 820 · 11	826 · 91 827 · 11 827 · 01 827 · 11 827 · 51	826-06 826-06 825-83 825-73 825-68	$\begin{array}{c} 822\cdot 86 \\ 822\cdot 73 \\ 822\cdot 56 \\ 822\cdot 36 \\ 822\cdot 16 \end{array}$	819 · 32 819 · 31 819 · 28 819 · 21 819 · 28	819 · 11 819 · 13 819 · 11 819 · 18 819 · 38	$820 \cdot 41$ $820 \cdot 44$ $820 \cdot 46$ $820 \cdot 46$ $820 \cdot 73$	$\begin{array}{c} 820 \cdot 56 \\ 820 \cdot 51 \\ 820 \cdot 63 \\ 820 \cdot 74 \\ 820 \cdot 56 \end{array}$	819 · 71 819 · 66 819 · 66 819 · 61	818-71 818-71 818-71 818-71 818-66	818 · 06 818 · 06 818 · 01 818 · 01 818 · 01	817 · 71 817 · 76 817 · 76 817 · 81 817 · 81
26. 27. 28. 29. 30.	820·51 821·01 821·76 822·36 822·83	827 · 56 827 · 66 827 · 96 828 · 31 828 · 31 828 · 31	825 · 63 825 · 41 825 · 31 825 · 21 825 · 03	821 · 91 821 · 71 821 · 63 821 · 51 821 · 33 821 · 18	$\begin{array}{c} 819 \cdot 28 \\ 819 \cdot 38 \\ 819 \cdot 56 \\ 819 \cdot 66 \\ 819 \cdot 76 \\ 819 \cdot 81 \end{array}$	819-51 819-68 820-03 820-16 820-31	820 · 81 820 · 86 820 · 96 821 · 06 821 · 01 821 · 18	820 · 41 820 · 41 820 · 41 820 · 41 820 · 34	819·56 819·51 819·47 819·44 819·42 819·37	818 · 61 818 · 61 818 · 61 818 · 56 818 · 51 818 · 51	817-96 817-96 817-91	817-86 817-86 817-86 817-91 817-91 818-01

ELEVATIONS above M.S.L. of Quinze River below Maple Rapids, for 1913-14

										Г	ABLE	NO. 10.
1	818-01 818-01 818-01 818-26 818-36	827 · 78 827 · 83 827 · 88 827 · 78 827 · 78	825·18 825·13 825·08 825·03 824·96	820 · 93 820 · 98 820 · 76 820 · 68 820 · 53	819-68 819-63 819-58 819-56 819-48	818-81 818-86 818-88 818-88 818-83	819·06 819·08 819·08 819·08 819·08	820 · 98 821 · 33 821 · 23 821 · 15 821 · 28	822 · 93 822 · 93 822 · 88 822 · 83 822 · 86	820 · 68 820 · 63 820 · 53 820 · 41 820 · 37	818-98 818-91 818-88 818-88 818-83	817-98 817-93 817-93 817-93 817-93
6 7 8 9 10	818-41 818-51 818-51 818-66 818-73	827 · 86 828 · 03 827 · 96 827 · 88 827 · 88	824 · 73 824 · 83 824 · 83 824 · 53 824 · 53	$\begin{array}{c} 820 \cdot 21 \\ 820 \cdot 23 \\ 820 \cdot 23 \\ 820 \cdot 28 \\ 820 \cdot 28 \end{array}$	819 · 46 819 · 38 819 · 26 819 · 16 819 · 08	818 · 78 818 · 76 818 · 68 818 · 66 818 · 61	819·08 819·03 819·07 819·05 819·04	821 · 28 821 · 23 821 · 38 821 · 48 821 · 69	822 · 86 821 · 95 822 · 63 822 · 63	$\begin{array}{c} 820 \cdot 25 \\ 820 \cdot 20 \\ 820 \cdot 15 \\ 820 \cdot 08 \\ 820 \cdot 03 \end{array}$	818-80 818-83 818-83 818-75 818-73	817-93 817-93 817-88 817-88 817-78
11 12 13 14 15	818-81 818-86 818-96 819-06 819-28	827 · 78 827 · 61 827 · 51 827 · 51 827 · 31	824 · 48 824 · 43 824 · 28 823 · 98 8_3 · 98	$\begin{array}{c} 820 \cdot 11 \\ 820 \cdot 13 \\ 820 \cdot 13 \\ 820 \cdot 13 \\ 820 \cdot 18 \end{array}$	819 · 08 819 · 03 818 · 98 818 · 93 818 · 83	818-58 818-53 818-46 818-43 818-41	818 · 98 818 · 93 818 · 96 819 · 08 819 · 13	821 · 63 821 · 75 821 · 78 821 · 87 821 · 86	822 · 63 822 · 38 822 · 28 822 · 18 822 · 13	820 · 03 819 · 98 819 · 93 819 · 78 819 · 73	818-68 818-55 818-53 818-48	817 · 76 817 · 73 821 · 73 817 · 68 817 · 68
16	819 · 48 819 · 78 820 · 18 820 · 38 820 · 80	827 · 24 826 · 99 826 · 76 826 · 76 826 · 71	823 · 61 823 · 38 823 · 38 823 · 08 822 · 83	$\begin{array}{c} 820 \cdot 23 \\ 820 \cdot 18 \\ 820 \cdot 18 \\ 820 \cdot 18 \\ 820 \cdot 11 \end{array}$	818-73 818-68 818-68 818-58 818-51	818 · 43 818 · 58 818 · 63 818 · 65 818 · 70	819 · 16 819 · 21 819 · 28 819 · 35 819 · 63	821 · 85 821 · 85 821 · 83 821 · 98 821 · 83	$\begin{array}{c} 822\cdot08 \\ 821\cdot88 \\ 821\cdot83 \\ 821\cdot78 \\ 821\cdot73 \end{array}$	819 · 63 819 · 58 819 · 55 519 · 48 819 · 40	818-48 818-38 818-34 818-28 818-27	817 · 68 817 · 63 817 · 63 817 · 63 817 · 63
21	821 · 33 821 · 73 822 · 16 822 · 93 823 · 98	\$26.71 \$26.66 \$26.51 \$26.41 \$26.26	822 · 78 822 · 66 822 · 41 822 · 16 822 · 01	820 · 03 819 · 93 819 · 88 819 · 88 819 · 83	818-48 818-41 818-38 818-38 818-38	818 · 70 818 · 68 818 · 67 818 · 70 818 · 65	819 · 53 819 · 73 820 · 03 820 · 25 820 · 53	$\begin{array}{c} 821\cdot 88 \\ 821\cdot 83 \\ 821\cdot 68 \\ 822\cdot 20 \\ 822\cdot 50 \end{array}$	821 · 63 221 · 57 821 · 46 821 · 38 821 · 27	819·33 819·33 819·28 819·23 819·18	$\begin{array}{c} 818 \cdot 23 \\ 818 \cdot 18 \\ 818 \cdot 10 \\ 818 \cdot 08 \\ 818 \cdot 08 \end{array}$	817 · 58 817 · 58 817 · 58 817 · 58 817 · 58 817 · 58
26 27 28 29 30 31	824-98 826-11 826-83 827-43 827-68	826·04 825·95 825·75 825·70 825·40 825·10	821 · 83 821 · 71 821 · 61 821 · 43 821 · 18	\$19.76 819.73 819.81 819.83 819.73 819.68	818-48 818-53 818-58 818-58 818-63 818-71	818-75 818-78 818-70 818-87 819-07	820 · 86 820 · 98 821 · 25 821 · 28 821 · 38 821 · 28	822.76 822.98 822.98 822.90 823.03	$\begin{array}{c} 821 \cdot 20 \\ 821 \cdot 10 \\ 821 \cdot 00 \\ 820 \cdot 90 \\ 820 \cdot 82 \\ 820 \cdot 74 \end{array}$	819·10 819·10 819·03 819·03 818·95 818·93	818-03 818-03 818-03	817-53 817-48 817-48 817-48 817-48 817-48

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Quinze River below Maple Rapids, for 1914-15.

TABLE NO. 11.

										1		
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	817·48 817·46 817·43 817·43 817·43	820 · 23 820 · 63 821 · 25 821 · 63 822 · 23	823·38 823·18 823·31 823·31 823·28	820-86 820-63 820-53 820-38 820-30	818·15 818·13 818·11 818·00 817·93	817-08 817-11 817-03 816-98 816-98	816·58 816·58 816·50 816·48 816·51	816·78 816·78 816·68 816·88 816·88	817·80 817·80 817·80 817·90 817·96	817-98 817-96 817-94 817-90 817-90	817 · 64 817 · 63 817 · 57 817 · 57 817 · 54	817·24 817·23 817·21 817·18 817·17
6	817-38 817-38 817-38 817-38 817-38	822 · 83 823 · 35 823 · 88 824 · 21 824 · 40	823 · 23 823 · 13 823 · 13 823 · 10 822 · 78	820 · 28 820 · 25 820 · 18 820 · 18 820 · 03	817·75 817·70 817·68 817·68 817·63	816-98 816-98 816-97 816-94 816-93	816·53 816·46 816·43 816·55 816·53	816-97 817-03 817-03 816-98 817-13	817 · 96 818 · 02 818 · 02 818 · 02 818 · 07	817 · 91 818 · 01 817 · 97 817 · 92 817 · 92	817-54 817-54 817-54 817-52 817-51	817·16 817·16 817·13 817·10 817·08
11	817·38 817·33 817·33 817·33 817·33	824 · 55 824 · 63 824 · 63 824 · 60 824 · 58	822.78 822.73 822.68 822.48 822.48	819 · 93 819 · 78 819 · 70 819 · 65 819 · 53	817-63 817-61 817-58 817-58 817-58	816.93 816.90 816.87 816.85 816.81	816·58 816·53 816·58 816·58	817 · 17 817 · 08 817 · 08 817 · 21 817 · 33	818.07 818.07 818.07 818.07 818.07	817 · 92 817 · 90 817 · 90 817 · 89 817 · 89	817 · 49 817 · 48 817 · 46 817 · 45 817 · 45	817-06 817-04 817-04 817-02 817-00
16	817 · 33 817 · 33 817 · 33 817 · 43 817 · 48	824 · 45 824 · 31 824 · 20 824 · 11 824 · 08	822·30 822·28 822·13 822·08 822·00	819·33 819·13 819·10 819·08 818·95	817-48 817-48 817-48 817-43 817-43	816·78 816·76 816·78 816·75 816·68	816-53 816-58 816-58 816-63 816-63	817-38 817-28 817-48 817-56 817-58	818-07 818-07 818-07 818-07 818-07	817-85 817-88 817-85 817-83 817-84	817 · 43 817 · 41 817 · 42 817 · 40 817 · 38	816-96 816-95 816-94 816-93 816-91
21	817 · 53 817 · 58 817 · 65 817 · 78 817 · 90	823 · 96 823 · 93 823 · 93 823 · 83 823 · 83	821 90 821 88 821 83 821 68 821 58	818 93 818 75 818 83 818 80 818 73	817 35 817 33 817 28 817 24 817 18	816 63 816 58 816 53 816 58 816 58	816 63 816 63 816 68 816 63 816 58	817 · 62 817 · 63 817 · 68 817 · 70 817 · 78	818-07 818-07 818-04 818-04 817-99	817 · 83 817 · 81 817 · 82 817 · 80 817 · 78	817-36 817-34 817-32 817-31 817-30	816·87 816·86 816·84
26	818-18 818-51 818-96 819-51 819-86	823 · 83 823 · 88 823 · 96 823 · 83 823 · 68 823 · 68	821 · 40 821 · 33 821 · 13 820 · 93	818 · 68 818 · 60 818 · 50 818 · 43 818 · 32 818 · 23	817 · 18 817 · 10 817 · 17 817 · 18 817 · 18 817 · 03	816-58 816-58 816-58 816-58	816-58 816-58 816-63 816-73 816-78 816-78	817·78 817·78 817·78 817·78 817·83	818 · 00 817 · 99 817 · 99 817 · 96 817 · 99 817 · 99		817-27 817-25 817-24	816-83

ELEVATIONS M.S.L. of Ottawa River at Haileybury, for 1906.

Elevations M.S.L.	of Ottawa	River :	at H	aileybur	y, for 1906.
					TABLE NO. 12.
1	583.00 578.5 582.80 578.4 582.60 578.2 582.60 578.2 582.40 578.2	0 575·80 0 575·70 0 575·60	574 · 00 574 · 00 574 · 00 574 · 00 574 · 00	574 · 45 578 574 · 55 578 574 · 65 578	- 10 - 10 - 10 - 10 - 10 - 10 - 10
6	582·10 578·0 581·90 577·0 581·60 577·8 581·50 577·8 581·50 577·7	0 575·50 0 575·40 0 575·40	573 · 90 573 · 90 573 · 80 573 · 80 573 · 80	574 · 65 578 574 · 75 578 574 · 75	00 00 00
11	581 · 20 577 · 6 580 · 90 577 · 6 580 · 50 577 · 4 580 · 40 577 · 4 580 · 20 577 · 3	0 575·30 0 575·30 0 575·20	573 · 80 573 · 75 573 · 75 573 · 75 573 · 70	574·90 574·90 575·00	
16	579·80 577·1 579·60 577·1 579·60 577·0 579·50 577·0 579·40 576·9	0 574·50 0 574·40 0 574·30	573 · 70 573 · 70 573 · 70 573 · 70 573 · 70	575·00 575·00	
21	579·40 576·5 579·20 576·5 579·20 476·6 579·00 576·5 579·00 576·5	60 574 · 20 60 574 · 20 60 574 · 20	573 · 70 573 · 70 573 · 70 573 · 70 573 · 70	575·10 575·10	
26	578-90 576- 578-60 576- 578-50 576- 578-50 576- 578-40 576- 578-40 576- 578-40 575-	0 574·00 0 574·00 0 574·00 574·00	573 · 70 573 · 70 573 · 75 573 · 85 574 · 15 574 · 15	575·10 575·10 575·10	

SESSIONAL PAPER No. 19a

ELEVATIONS of Ottawa River at Haileybury, for 1907-08.

TABLE NO. 13.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1		575 · 60 575 · 80 576 · 00 576 · 20 576 · 45	586·30 586·30 586·20 586·10 586·10	584 · 40 584 · 50 584 · 50 584 · 30 584 · 10	580 · 10 580 · 00 579 · 90 579 · 80 579 · 70	577-30 577-10	580 · 00 580 · 00 579 · 90 579 · 90 579 · 95	579·70 579·60 579·55 579·50 579·45	578 · 20 578 · 10 577 · 95 577 · 90 577 · 80	577·20 577·10 577·00 577·00 576·90	575·90 575·80 575·80 575·80 575·75	574 · 85 574 · 85 574 · 85 574 · 85 574 · 80
6		576 · 55 576 · 70 577 · 00 577 · 30 577 · 60	$586 \cdot 10$ $586 \cdot 05$ $585 \cdot 90$ $585 \cdot 80$ $585 \cdot 70$	583 · 90 583 · 70 583 · 55 583 · 30 583 · 20	579 · 65 579 · 60 579 · 50 579 · 45 579 · 40	577-00 577-00 576-90 576-95 576-95	579 · 90 579 · 90 579 · 80 579 · 75 579 · 80	579 · 40 579 · 40 579 · 40 579 · 40 579 · 30	577 · 70 577 · 70 577 · 75 · 577 · 70 577 · 70	576-90 576-85 576-80 576-70 576-65	575 · 75 575 · 70 575 · 65 575 · 70 575 · 70	574 · 80 574 · 80 574 · 80 574 · 75 574 · 70
11 12 13 14 15		577 · 90 578 · 10 578 · 50 579 · 10 579 · 80	585 · 65 585 · 55 585 · 55 585 · 45 585 · 40	583.05 582.90 582.60 582.50 582.30	579·30 579·20 579·05 578·90 578·85	577.00 577.05 577.10 577.50 577.45	579 · 90 579 · 95 580 · 00 580 · 10 580 · 20	579 · 30 579 · 25 579 · 20 579 · 10 579 · 00	577 · 80 577 · 70 577 · 70 577 · 70 577 · 80	576-60 576-60 576-55 576-50 576-50	575 · 60 575 · 50 575 · 45 575 · 30	574 · 75 574 · 70 574 · 65 574 · 65
16 17 18 19 20		580 · 50 581 · 20 582 · 00 582 · 60 583 · 10	585·35 585·30 585·05 584·90 584·60	$582 \cdot 10$ $582 \cdot 00$ $581 \cdot 80$ $581 \cdot 70$ $581 \cdot 50$	578 · 80 578 · 70 578 · 60 578 · 50 578 · 40	577 · 70 578 · 20 578 · 40 578 · 80 579 · 05	580 · 30 580 · 40 580 · 45 580 · 50 580 · 50	579.00 578.90 578.80 578.70 578.60	577 · 90 577 · 85 577 · 70 577 · 60 577 · 60	576 · 40 576 · 40 576 · 40 576 · 30 576 · 25	575 · 20 575 · 20 575 · 15 575 · 10 575 · 10	574 · 65 574 · 65 574 · 60 574 · 60 574 · 70
21 22 23 24 25	574 · 60 574 · 80 574 · 90 575 · 00 575 · 05	583 · 70 584 · 30 584 · 50 584 · 70 584 · 90	$584 \cdot 30$ $584 \cdot 20$ $584 \cdot 10$ $584 \cdot 15$ $584 \cdot 05$	581 30 581 20 581 10 581 05 580 90	578 · 30 578 · 20 578 · 10 578 · 05 577 · 90	579 · 20 579 · 40 579 · 70 579 · 80 580 · 00	$580 \cdot 45$ $580 \cdot 40$ $580 \cdot 35$ $580 \cdot 30$ $580 \cdot 20$	578 · 60 578 · 65 578 · 65 578 · 70 578 · 70	577 · 50 577 · 60 577 · 50 577 · 40 577 · 30	576-20 576-20 576-15	575 · 10 575 · 05 575 · 05 575 · 00 575 · 00	574 · 75 574 · 75 574 · 90 574 · 90 574 · 90
26 27 28 29 30 31	575·10 575·20 575·30 575·40	585.05 585.15 585.30 585.55 586.00 586.30	584 · 10 584 · 20 584 · 20 584 · 20 584 · 30	580 · 70 580 · 30 580 · 40 580 · 30 580 · 20 580 · 15	577·80 577·70 577·60 577·50 577·40 577·35	580·10 580·00	580 · 15 580 · 10 580 · 00 580 · 00 579 · 90 579 · 80	578 · 70 578 · 60 578 · 50 578 · 40 578 · 30		575-90	574·95 574·85 574·90 574·90	574 · 85 574 · 85 574 · 90 574 · 95 575 · 00 574 · 90

Elevations above M.S.L. of Ottawa River at Haileybury, for 1908-09.

THE VALLE	J115 41	7010 1	·1	. 01	 . 1017	CI at	Tranc	ybury	1	ABLE	
1	574 · 80 574 · 70 574 · 55 574 · 40 574 · 40	579·30 579·60 580·05 580·30 580·65	588 · 20 588 · 30 588 · 35 588 · 40 588 · 40	584-05					575 · 40 575 · 40 575 · 35 575 · 35 575 · 35	574·95 574·95 574·90 574·90 574·90	574 · 50 574 · 45 574 · 45 574 · 50 574 · 50
6	574 · 40 574 · 40 574 · 40 574 · 40 574 · 35	$\begin{array}{c} 581 \cdot 10 \\ 581 \cdot 30 \\ 582 \cdot 20 \\ 583 \cdot 10 \\ 583 \cdot 69 \end{array}$	588 · 20 588 · 10						575·30 575·30 575·25 575·25 575·20	574 · 85 574 · 85 574 · 85 574 · 85 574 · 85	574 · 45 574 · 50 574 · 45 574 · 40 574 · 50
11	574 · 40 574 · 45 574 · 55 574 · 55 574 · 55	$584 \cdot 20$ $584 \cdot 80$ $585 \cdot 40$ $585 \cdot 80$ $586 \cdot 20$	587 · 80 587 · 70 587 · 60						575 · 15 575 · 15 575 · 15 575 · 10 575 · 10	574 · 80 574 · 80 574 · 80 574 · 75 574 · 75	574·50 574·50 574·55 574·55 574·55
16	574 · 55 574 · 80 574 · 80 574 · 80 574 · 90	586·40 586·60 586·85 587·00 587·15	$\begin{array}{c} 587 \cdot 30 \\ 587 \cdot 20 \\ 587 \cdot 10 \\ 587 \cdot 00 \\ 586 \cdot 80 \end{array}$						575 · 10 575 · 05 575 · 05 575 · 05 575 · 00	$\begin{array}{c} 574\cdot 80 \\ 574\cdot 75 \\ 574\cdot 70 \\ 574\cdot 70 \\ 574\cdot 65 \end{array}$	574 · 55 574 · 55 574 · 50 574 · 55 574 · 55
21 22 23 24 25	575·00 575·10 575·10 575·40 576·00	587·20 587·25 587·30 587·40 587·50	586 · 25 586 · 05						575.00 575.00 575.00 575.00 575.00	574 · 65 574 · 65 574 · 60 574 · 60 574 · 65	574 · 50 574 · 50 574 · 50 574 · 50 574 · 50
26	576·50 577·00 577·55 578·20 578·70	587-55 587-60 587-65 587-70 587-80 588-10	585 · 30 585 · 10 584 · 80 584 · 55							574 · 60 574 · 55 574 · 55	574 · 55 574 · 55 574 · 60 574 · 60 574 · 60 574 · 65

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Haileybury, for 1909-10.

TABLE NO. 15

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	574 · 65 574 · 50 574 · 60 574 · 60 574 · 60	579 · 80 580 · 00 580 · 10 580 · 30 580 · 40	591 · 40 590 · 75 590 · 55 590 · 40	584 · 20 583 · 80 583 · 60	580 · 45 580 · 50 580 · 50 580 · 50 580 · 50	579 · 00 579 · 10 579 · 15 579 · 15	578 · 90 579 · 35 578 · 80 578 · 80 578 · 80	579 · 20 579 · 20 579 · 20 579 · 30 579 · 30	578 · 45 578 · 40 578 · 40 578 · 40 578 · 40	577 · 45 577 · 40 577 · 30 577 · 20 577 · 10	575 · 85 575 · 80 575 · 75 575 · 70 575 · 65	575 · 05 575 · 05 575 · 00 574 · 95 574 · 90
6	574 · 65 574 · 65 574 · 70 574 · 70	$\begin{array}{c} 580 \cdot 60 \\ 580 \cdot 80 \\ 581 \cdot 30 \\ 581 \cdot 80 \\ 582 \cdot 20 \end{array}$	589 · 80 589 · 50 589 · 35 589 · 10 588 · 85	$\begin{array}{c} 583 \cdot 40 \\ 583 \cdot 20 \\ 583 \cdot 00 \\ 582 \cdot 80 \\ 582 \cdot 60 \end{array}$	580 · 45 580 · 40 580 · 30	$\begin{array}{c} 579 \cdot 20 \\ 579 \cdot 20 \\ 579 \cdot 25 \\ 579 \cdot 25 \\ 579 \cdot 25 \\ 579 \cdot 25 \end{array}$	578 · 80 578 · 80 579 · 25 579 · 35 578 · 70	579·35 579·35 579·45 579·20 579·35	578·40 578·35 578·30 578·30 578·20	577·05 577·00 576·90 876·80 576·80	575 · 60 575 · 60 575 · 55 875 · 50 575 · 50	574 · 90 574 · 90 574 · 85 574 · 85 574 · 85
11 12 13 14 15	575 · 50 575 · 60	582 · 70 583 · 30 583 · 75 584 · 30 584 · 90	588 · 60 588 · 40 587 · 90 587 · 70	$582 \cdot 40$ $582 \cdot 20$ $581 \cdot 85$ $581 \cdot 70$	580 · 30 580 · 00 579 · 95 579 · 90	$579 \cdot 20$ $579 \cdot 25$	578 · 70 578 · 70 579 · 25 578 · 80 579 · 25	579 · 15 579 · 10 579 · 10 579 · 15 579 · 00	578 · 15 578 · 15 578 · 20 578 · 20 578 · 20	576 · 75 576 · 70 576 · 65 576 · 50 576 · 50	575 · 45 575 · 40 575 · 40 575 · 40 575 · 35	574 · 80 574 · 85 574 · 85 574 · 80 524 · 80
16 17 18 19 20	576·15 576·30 576·50 576·70 576·90	$585 \cdot 50$ $586 \cdot 40$ $587 \cdot 60$ $587 \cdot 80$ $588 \cdot 50$	587 · 50 587 · 30 586 · 90 586 · 75	581·60 581·50 581·30 581·00	579 · 80 579 · 75 579 · 70 579 · 70 579 · 65	$579 \cdot 20$ $579 \cdot 20$ $579 \cdot 10$ $579 \cdot 10$ $579 \cdot 05$	578 · 90 579 · 00 579 · 00 579 · 00 579 · 00	579·00 579·35 579·35 579·15 578·90	578 · 25 578 · 25 578 · 10 578 · 00 577 · 95	576 · 40 576 · 45 576 · 40 576 · 40 576 · 35	575·30 575·25 575·25	574 · 75 574 · 80 574 · 80 574 · 80 574 · 80
21 22 23 24 25	577 · 00 577 · 30 577 · 70 578 · 00 578 · 35	$\begin{array}{c} 589 \cdot 10 \\ 589 \cdot 55 \\ 590 \cdot 20 \\ 590 \cdot 55 \\ 591 \cdot 30 \end{array}$	$\begin{array}{c} 586 \cdot 60 \\ 586 \cdot 50 \\ 586 \cdot 35 \\ 586 \cdot 20 \\ 586 \cdot 10 \end{array}$	580 · 95 580 · 85 580 · 60	579 · 60 579 · 60 579 · 50 579 · 40 579 · 35	$579 \cdot 00$ $579 \cdot 10$ $579 \cdot 10$ $578 \cdot 95$ $578 \cdot 90$	579.00 579.00 579.10 579.20 579.25	579 · 15 578 · 80 579 · 15 579 · 35 578 · 70	577 · 90 577 · 85 577 · 85 577 · 70 577 · 70	576 · 20 576 · 15 576 · 15 576 · 15 576 · 10	575 · 20 575 · 20 575 · 15 575 · 15 575 · 10	574 · 80 574 · 80 574 · 80 574 · 80 574 · 85
26	578·60 578·85 579·10 579·35 579·50	591 · 50 591 · 70 591 · 75 591 · 75 591 · 75 591 · 60	585 · 80 585 · 60 585 · 30 585 · 10 584 · 90	$\begin{array}{c} 580 \cdot 50 \\ 580 \cdot 45 \\ 580 \cdot 50 \\ 580 \cdot 45 \\ 580 \cdot 40 \\ 580 \cdot 40 \end{array}$	579 · 30 579 · 30 579 · 25 579 · 00 579 · 00	578 · 80 579 · 25 579 · 35 578 · 70 578 · 80	$\begin{array}{c} 579 \cdot 30 \\ 579 \cdot 35 \\ 579 \cdot 15 \\ 579 \cdot 35 \\ 579 \cdot 20 \\ 579 \cdot 20 \end{array}$	578 · 70 578 · 60 578 · 60 579 · 15 578 · 50	577 · 65 577 · 60 577 · 60 577 · 55 577 · 50 577 · 50	576-10 576-05 576-00 576-00 575-90 575-85	575·10 575·10 575·10	574 · 90 575 · 00 575 · 10 575 · 30 575 · 40 575 · 75

Elevations above M.S.L. of Ottawa River at Haileybury for 1910-11.

ELEVA	TIONS abov	e M.S.L. 0	or Ottav	va mi	er at	nane.	youry	10r T	110-1.	l.
3								1	ABLE	NO. 16
1. 2 3 4 5	576-50 577-00 577-50	583·70 580 583·75 579 583·80 579 583·80 579	10 577 · 20 90 577 · 20 60 577 · 20	576 · 70 576 · 80 576 · 80	576·85 576·90 577·00 577·30 577·60	582 · 20 582 · 20 582 · 25 582 · 25 582 · 40	580 · 50 580 · 40 580 · 30 580 · 20 580 · 00	577-65 577-60 577-60 577-55 577-55	577·30 577·50 577·50 577·50 577·50	580 · 25 580 · 40 580 · 45 580 · 55 580 · 60
6	577·50 578·50 579·00 579·00 584·3 579·00 584·4	0 583·75 579· 5 583·70 579·	25 577·05 10 577·05 00 577·05	576.80 576.85 576.80	577-85 578-20 578-60 578-95	582 · 50 582 · 60 582 · 65 582 · 70 582 · 75	579 - 60 579 - 50 579 - 45	577 · 45 577 · 40 577 · 35 577 · 35 577 · 30	577 · 60 577 · 70 577 · 70 577 · 75 577 · 80	$580 \cdot 70$ $580 \cdot 80$ $580 \cdot 90$ $581 \cdot 90$ $580 \cdot 90$
11 12 13 14 15	580 · 00 584 · 3 580 · 20	583 · 50 578 · 0 583 · 30 578 · 5 583 · 00 578 ·	80 577·00 60 576·95 50 576·95	576·80 576·70 576·80	579 · 35 579 · 90 580 · 00 580 · 40	582-60 582-60	579 · 30 579 · 20 579 · 10 579 · 05 578 · 90	577 · 25 577 · 20 577 · 20 577 · 15 577 · 15	577 · 90 577 · 90 578 · 00 578 · 10 578 · 25	581 · 00 581 · 15 581 · 15 581 · 35
16	581·20 584·0 581·40 583·8 581·50 583·8 583·7 583·6	5 582·40 578· 5 582·20 578· 5 582·00 578·	20 576·90 10 576·90 00 576·90	576-60 576-60	580 · 50 580 · 60 580 · 75 580 · 75 580 · 80	$582 \cdot 50$ $582 \cdot 50$ $582 \cdot 45$ $582 \cdot 40$ $582 \cdot 40$	578 · 90 578 · 80 578 · 70 578 · 60 578 · 50	577 · 15 577 · 10 577 · 10 577 · 10 577 · 20	578 · 35 578 · 50 578 · 60 578 · 80 578 · 95	581 · 35 581 · 35 581 · 35 581 · 35 581 · 35
21 22 23 24 25.	582·00 583·5 582·35 583·4 582·45 583·3 582·70 583·3 582·80 583·3	0 581·40 577· 0 581·25 577· 0 581·00 577·	75 576 75 70 576 70 70 576 65	576 · 40 576 · 35 576 · 35	$581 \cdot 20$ $581 \cdot 30$ $581 \cdot 40$ $581 \cdot 60$ $581 \cdot 70$	$582 \cdot 20$ $582 \cdot 00$ $581 \cdot 80$ $581 \cdot 65$ $581 \cdot 40$	578 · 45 578 · 40 578 · 40	$\begin{array}{c} 577 \cdot 20 \\ 577 \cdot 20 \end{array}$	579 · 10 579 · 25 579 · 45 579 · 60 579 · 75	581 · 40 581 · 40 581 · 40 581 · 40 581 · 45
26 . 27. 28 29 30 31	583 · 10 583 · 4 583 · 60 583 · 4 583 · 80 583 · 4 583 · 80 583 · 4	0 580-80 577- 0 580-60 577- 0 580-35 577- 0 580-30	40 576·55 30 576·70 30 576·70 576·70	576 · 50 576 · 50 576 · 70	$\begin{array}{c} 581\cdot 80 \\ 581\cdot 90 \\ 582\cdot 00 \\ 582\cdot 00 \\ 582\cdot 10 \\ 582\cdot 20 \end{array}$	581 · 25 581 · 10 581 · 00 580 · 80 580 · 65		$\begin{array}{c} 577 \cdot 20 \\ 577 \cdot 30 \\ 577 \cdot 30 \end{array}$	579 - 90 589 - 00 580 - 15	

Elevations above M.S.L. of Ottawa River at Haileybury, for 1911-12.

TABLE NO. 17.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.	
1 2 3 4 5	581 · 45 581 · 40 581 · 30 581 · 25 581 · 25	587 · 65 588 · 45 588 · 95 589 · 45 588 · 95	585 · 15 585 · 05 584 · 85 584 · 65 584 · 45	581 · 45 581 · 15 580 · 85 580 · 55 580 · 25	577·35 577·35 577·35 577·30 577·25	577 · 20 577 · 20 577 · 15 577 · 10 576 · 95	575 · 95 575 · 95 576 · 00 576 · 00 575 · 95	576-80 576-90 576-95 576-95 577-00	580 · 25 580 · 25 580 · 25 580 · 25 580 · 25 580 · 35	581 · 45 581 · 45 581 · 45 581 · 35 581 · 30	580 · 15 579 · 85 579 · 80 579 · 80 579 · 80	579 · 95 580 · 00 580 · 10 580 · 15 580 · 15	
6	581 · 20 581 · 20 581 · 15 581 · 10 581 · 05	588-55 588-15 587-85 587-55 587-35	584 · 20 584 · 00 584 · 30 584 · 05 583 · 75	580.00 579.70 579.45 579.35 579.05	577 · 25 577 · 25 577 · 30 577 · 35 577 · 40	576 · 85 576 · 90 576 · 80 576 · 85 576 · 75	575 · 95 575 · 90 575 · 90 575 · 90 575 · 85	577 · 05 577 · 15 577 · 25 577 · 35 577 · 45	$\begin{array}{c} 580 \cdot 35 \\ 580 \cdot 30 \\ 580 \cdot 25 \\ 580 \cdot 20 \\ 580 \cdot 20 \end{array}$	$581 \cdot 30$ $581 \cdot 25$ $581 \cdot 25$ $581 \cdot 20$ $581 \cdot 15$	579 · 65 579 · 60 579 · 60 579 · 55	$580 \cdot 15$ $580 \cdot 10$ $580 \cdot 05$ $580 \cdot 00$ $579 \cdot 95$	
11	581.05 581.00 581.00 581.15 581.50	587 · 10 586 · 85 586 · 85 586 · 55 586 · 50	$583 \cdot 55$ $583 \cdot 75$ $583 \cdot 40$ $583 \cdot 35$ $583 \cdot 50$	578 · 85 578 · 55 578 · 45 578 · 30 578 · 10	577 · 45 577 · 45 577 · 65 577 · 75 577 · 75	576.75 576.70 576.60 576.60 576.55	575 · 80 575 · 75 575 · 65 575 · 65 575 · 60	577 · 55 577 · 70 577 · 95 578 · 35 578 · 55	$580 \cdot 30$ $580 \cdot 30$ $580 \cdot 45$ $580 \cdot 70$ $581 \cdot 00$	$581 \cdot 10$ $581 \cdot 05$ $581 \cdot 05$ $580 \cdot 95$ $580 \cdot 90$	579 · 50 579 · 45 579 · 45 579 · 40 579 · 35	579 · 95 579 · 90 579 · 90 579 · 95 579 · 85	
16	$581 \cdot 70$ $581 \cdot 80$ $581 \cdot 90$ $582 \cdot 10$ $582 \cdot 35$	586-40 586-25 586-05 586-00 585-90	583 · 65 583 · 75 583 · 85 583 · 80 583 · 80	577 · 95 577 · 90 577 · 80 577 · 75 577 · 70	577 · 85 577 · 85 577 · 80 577 · 65 577 · 70	576 · 55 576 · 55 576 · 50 576 · 45	575·50 575·50 575·45 575·45	578 · 65 578 · 85 579 · 05 579 · 45 579 · 55	$581 \cdot 10$ $581 \cdot 25$ $581 \cdot 35$ $581 \cdot 35$ $581 \cdot 35$	580 · 85 580 · 80 580 · 75 580 · 75 580 · 70	579·35 579·30 579·25 579·35 579·40	579 · 90 579 · 90 579 · 85 579 · 80 579 · 75	
21	582 · 60 582 · 85 583 · 25 583 · 50 583 · 95	585.85 585.75 585.75 585.75 585.80	583 · 70 583 · 60 583 · 35 583 · 20 582 · 85	577 · 65 577 · 60 577 · 45 577 · 40 577 · 35	577 · 70 577 · 65 577 · 60 577 · 60 577 · 55	576 · 45 576 · 45 576 · 50 576 · 35	575 · 40 575 · 40 575 · 55 575 · 70 575 · 95	579 · 65 579 · 90 579 · 95 580 · 00 580 · 10	581.35 581.45 581.50 581.50	$580 \cdot 70$ $580 \cdot 62$ $580 \cdot 52$ $580 \cdot 45$ $580 \cdot 42$	579 · 45 579 · 50 579 · 55 579 · 60 579 · 60	579 · 70 579 · 70 579 · 65 579 · 60 529 · 55	
26 27 28. 29 30	584·45 585·05 585·55 586·30 587·05	585.85 585.80 585.75 585.65 585.45 585.35	582-65 582-45 582-15 581-85 581-60	577 · 35 577 · 35 577 · 35 577 · 35 577 · 40 577 · 35	577 · 50 577 · 45 577 · 40 577 · 35 577 · 25 577 · 15	576·25 576·30 576·10 576·05 576·05	576 · 25 576 · 35 576 · 35 576 · 55 576 · 65 576 · 65	580 · 15 580 · 20 580 · 25 580 · 25	$581 \cdot 50$ $581 \cdot 45$	$\begin{array}{c} 580 \cdot 35 \\ 580 \cdot 28 \\ 580 \cdot 22 \\ 580 \cdot 17 \\ 580 \cdot 17 \\ 580 \cdot 17 \end{array}$	579 · 60 579 · 80 579 · 90 579 · 95	579·40 579·35 579·25 579·25 579·15 579·05	

Elevations above M.S.L. of Ottawa River at Haileybury, for 1912-13,

TABLE NO 18 578-96 583-36 587 - 31 583 - 56 581-16 578.86 580 - 76 584-46 585.06 585-41 584.51 587 · 31 587 · 26 587 · 16 587 · 16 587 · 06 578 · 83 578 · 86 583 · 46 583 · 76 583 - 46 580 - 99 578-86 578-87 580 - 91 584-46 585.06 585-46 584 · 46 584 · 36 583.36 584.56 585 - 49 583 - 86 583 · 21 583 · 16 578 · 87 578 · 86 581 · 16 581 · 36 584 - 61 585.06 585-53 5 583 - 96 580 - 63 585.06 585 - 56 584 - 16 578 · 86 578 · 87 578 · 86 578 · 76 586.96 586.87 586.71 584 · 71 584 · 79 584-11 580-49 581.56 585-06 585 - 53 584.06 578 · 71 578 · 72 $584 \cdot 26$ 582.96 582.96 580-41 581 - 56 580 · 34 580 · 25 584 · 91 584 · 93 585 · 49 585 · 46 583 - 66 582-86 586-66 585.03 583 - 46 584.46 580 - 16 581 - 66 584.96 585-01 583.31 578 · 66 578 · 61 578 · 60 578 · 56 578-81 584.51 586-46 582-71 580-11 581 - 71 584 - 96 $584 \cdot 99$ 585 · 46 585 · 43 583 - 11 586-26 582-66 580-06 584-96 584 - 99 581 - 76 582 · 99 582 · 86 584 · 86 585 · 56 585-96 582-66 579 · 96 579 · 86 581-83 584.96 584 - 96 585-31 578 - 96 582-56 581 - 98 585.06 584 - 93 585-26 577 · 41 577 · 31 577 · 23 577 · 16 577 · 09 579.06 586-11 585-64 582-46 582.01 584.91 585-26 582.31 17 18 19 20 586-26 582 · 41 582 · 36 582 · 31 584-91 586-46 582 - 13 585 · 11 585 · 11 585 - 19 584.88 581 - 99 585-16 581 - 93 584-88 579 · 26 579 · 21 579 · 16 579 · 11 579 · 06 21 22 23 24 25 585-03 580 - 16 586.95 585-16 584 - 86 580 - 36 585.06 581 - 66 585-01 576.96 $581 \cdot 81$ 582-89 585-21 580 - 96 578-97 578-94 578-94 578-93 578-93 578-88 581 - 36 586 - 93 580 - 71 586-95 587-01 587-06 587-26 587-26 583 · 46 583 · 76 583 · 96 $580\cdot 16$ 580 - 26 580 - 46 584 - 56

6 GEORGE V. A. 1916

Elevations above M.S.L. of Ottawa River at Haileybury, for 1913-14.

TABLE No. 19.

											THOUS.	
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
12 23 45	576-81 576-81 576-83 576-83 576-83	588-96 588-91 588-91 588-89 588-76	586·99 586·96 587·01 587·06 587·09	586 · 51 586 · 46 586 · 41 586 · 36 586 · 34	585 · 26 585 · 23 585 · 16 585 · 16 585 · 06	583 · 09 583 · 06 583 · 01 582 · 96 582 · 94	581 · 26 581 · 23 581 · 20 581 · 16 581 · 13	583 · 40 583 · 51 583 · 66 583 · 79 583 · 88	586 · 89 586 · 91 586 · 91 586 · 96	584 · 06 583 · 96 583 · 86 583 · 76 583 · 56	581·46 581·43 581·39 581·36	578 · 86 578 · 81 578 · 76 578 · 71 578 · 71
6	576 · 86 576 · 76 576 · 81 576 · 86 576 · 91	588-71 588-66 588-61 588-56 588-46	587 · 13 587 · 11 587 · 21 587 · 23 587 · 23	586-26 586-16 586-06 586-01 585-93	585 · 01 584 · 91 584 · 79 584 · 71 584 · 64	582.81 582.76 582.69 582.63 582.46	581 · 06 581 · 03 581 · 01 580 · 99 580 · 91	584·03 584·09 584·26	586 · 98 586 · 98 586 · 89 586 · 71 586 · 59	583 · 46 583 · 38 583 · 31 583 · 24 583 · 16	581 · 26 581 · 16 581 · 06 580 · 96 580 · 86	578-69 578-66 578-63 578-57 578-51
11	576 · 96 577 · 51 577 · 76 578 · 06 578 · 56	588·36 588·16 587·96 587·81 587·64	587-21 587-26 587-06 586-96 586-86	585-91 585-86 585-85	584 · 49 584 · 36 584 · 31 584 · 28 584 · 26	582·37 582·31 582·16 582·16 582·11	580.96 580.97 580.94 580.89 580.91	584 · 96 585 · 26 585 · 41 585 · 59 585 · 76	586 · 46 586 · 31 586 · 11 585 · 96 585 · 86	583 · 13 583 · 06 583 · 09 582 · 88 582 · 81	580 · 76 580 · 66 580 · 51 580 · 46 580 · 33	578 · 34 578 · 26 578 · 16 578 · 06 577 · 91
16	578 · 96 579 · 46 579 · 96 580 · 48 581 · 06	587·51 587·36 587·33 587·26 587·21	586.76 586.61 586.46 586.36 586.36	585.83 585.81 585.79 585.76 585.77	584-21 584-16 583-96 583-76	$582 \cdot 11$ $582 \cdot 09$ $582 \cdot 05$ $582 \cdot 03$ $582 \cdot 01$	580 · 86 580 · 91 581 · 01 581 · 09 581 · 21	585.91 586.11 586.26 586.36 586.46	585·76 585·66 585·56 585·46 585·36	582.69 582.56 582.45 582.34 582.21	580 · 06 579 · 96 579 · 86 579 · 66 579 · 59	577 · 81 577 · 72 577 · 64 577 · 54 577 · 46
21	581 · 59 582 · 06 582 · 81 583 · 81 584 · 81	587 · 06 587 · 11 587 · 23 587 · 16	586·36 586·34 586·36 586·41 586·43	585·76 585·74 585·71 585·73 585·56	583 - 56 583 - 46 583 - 27	581 · 96 581 · 86 581 · 71 581 · 62 581 · 48	581 · 26 581 · 36 581 · 46 581 · 69 582 · 06	586-51 586-56 586-64 586-70 586-78	585·31 585·21 585·13 585·06 584·86	582·14 582·03 581·96 581·87 581·81	579 · 51 579 · 26 579 · 18 579 · 16 579 · 11	577 · 36 577 · 26 577 · 16 577 · 06 577 · 06
26	586.06 587.21 587.86 588.48 588.89	587 · 11 587 · 16 587 · 16 587 · 11 587 · 11 587 · 06	586 · 44 586 · 51 586 · 56 586 · 57 586 · 56	585 · 46 585 · 46 585 · 43 585 · 41 585 · 36 585 · 31	583 · 16 583 · 09 583 · 04 583 · 11 583 · 14 583 · 11	581-47 581-46 581-41 581-34 581-29	582 · 27 582 · 52 582 · 66 582 · 83 583 · 09 583 · 32	586 · 86 586 · 86 586 · 88 586 · 91 586 · 89	584·76 584·66 584·53 584·38 584·26 584·16	581·71 581·64 581·59 581·55 581·53 581·47	579·06 579·01 578·96	576 · 96 576 · 91 576 · 86 576 · 79 576 · 79 576 · 76

Elevations above M.S.L. of Ottawa River at Haileybury, for 1914-15.

TABLE No. 20. 576·71 576·66 576·51 576·42 575·76 575·74 575·73 575·71 575·67 575.51 575.53 575.56 575.56 575.57 579·51 579·73 579·96 585-26 581.89 578 - 23 $576 \cdot 33$ $576 \cdot 29$ $576 \cdot 26$ 575-96 576.91 576-61 585·36 585·41 585·46 581.66 578 · 16 578 · 09 577 · 96 575.98 576.91 576.31 581.56 575.99 581-46 576.91 576.93 576.56 576 - 28 575.96 576.36 580 - 56 585-46 581.33 577.83 576 - 26 575 · 64 575 · 61 575 · 61 575 · 61 575 · 66 575·57 575·56 575·56 576.01 576.06 576.21 580-86 576 · 36 576 · 44 576 · 46 581 - 11 585.51 580.96 577 · 66 577 · 56 577 · 46 576 · 29 576 · 33 576 · 36 576-96 576-96 576 · 53 576 · 51 576 · 26 576 · 26 581.58 585 · 51 585 · 54 580 - 81 575.59 575.61 581.86 580 - 61 576 - 46 582.06 585 - 61 580.46 576-41 576 - 44 576-46 575 · 66 575 · 63 575 · 59 575 · 56 $576 \cdot 46$ $576 \cdot 51$ $576 \cdot 53$ 576-41 582,21 585-61 580.36 577 · 25 577 · 21 577 · 06 577 · 01 576 - 36 582·36 582·41 575 - 66 576 · 66 576 · 78 576 · 71 577 · 01 577 · 03 577 · 04 576 · 43 576 · 41 576 · 41 585 - 59 580 - 29 576-36 580 - 16 576 · 41 576 · 41 576 · 36 576 · 41 582 · 46 582 · 56 585.56 580.01 579.81 576 · 46 576 · 41 585 - 26 575-61 576-43 575 · 56 575 · 56 575 · 58 575 · 59 576 · 71 576 · 76 576 · 83 576 · 89 576 · 96 575.58 576-45 576-46 584.96 577 · 06 577 · 06 577 · 06 576 · 51 576 · 56 576 · 61 582 - 96 584.71 579·56 579·51 576.91 576.91 576 · 36 576 · 31 576 · 31 575·61 575·61 575·66 576-46 583 · 11 583 · 31 584 · 46 584 · 23 576-41 576-36 576 - 76 583 - 47 575 - 66 576-41 577 · 06 577 · 16 577 · 36 577 · 41 577 · 56 21 22 23 24 25 576.76 576-11 583 - 55 583 - 91 579 - 26 575 · 66 575 · 71 575 · 76 583 - 56 579 - 16 576 - 71 576.06 583 - 36 579.06 576 - 66 583 · 11 583 · 01 579-01 578-91 575 - 96 575 - 56 576 · 86 576 · 87 576 · 88 576 · 91 576·83 576·79 576·76 576·71 576·67 577 · 61 577 · 69 577 · 76 578 · 46 576 · 36 576 · 35 576 · 35 576 - 51 575.86 575 · 54 575 · 51 575 · 51 576·31 576·36 576·32 576·33 576·33 584·61 584·76 582 · 46 582 · 46 582 · 26 578-56 578-51 576 · 46 576 · 43 575 - 49 579.31 585-11 578 · 36 578 · 29 576 · 36 576 · 36 575 · 48 575 · 46 585 - 16

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Montreal River at Bay Lake, for 1912-13.

TABLE No. 21.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	901 · 12 901 · 13 901 · 16 901 · 18 901 · 09	905 · 38 905 · 47 905 · 47 905 · 54 905 · 56	905 · 38 905 · 28 905 · 18 905 · 08 904 · 98	903 - 04		901 · 25 901 · 25 901 · 26 901 · 22 901 · 19	901 · 50 901 · 45 901 · 43 901 · 49 901 · 45	902·17 902·25 902·29 902·37 902·42	901 · 60 901 · 60 901 · 59 901 · 56 901 · 53	901 · 26 901 · 26 901 · 25 901 · 23 901 · 22	901-07 901-05 901-03 901-00 900-98	900 · 98 901 · 00 901 · 02 901 · 05 901 · 04
6	900 · 98 901 · 03 901 · 06 901 · 11 901 · 15	905 · 57 905 · 60 905 · 63 905 · 64 905 · 65	904·78 905·08		901·16 901·19 901·19 901·16 901·22	901 · 27 901 · 25 901 · 28 901 · 26 901 · 25	901 · 45 901 · 49 901 · 45 901 · 45 901 · 44	902 · 47 902 · 49 902 · 47 902 · 47 902 · 40	901.57 901.59 901.58 901.56 901.53	901 · 20 901 · 22 901 · 27 901 · 27 901 · 26	900-98 900-97 900-97 900-96 900-93	901 · 05 901 · 06 901 · 07 901 · 06 901 · 05
11	901·23 901·35 901·48 901·56 901·68	905 · 64 905 · 88 906 · 08 906 · 10 906 · 12	904 · 78 904 · 68 904 · 58		901 · 27 901 · 35 901 · 35 901 · 42 901 · 42	901·26 901·25 901·20 901·16	901·37 901·37 901·37 901·37 901·45	902·37 902·37 902·33 902·32 902·29	$901 \cdot 55$ $901 \cdot 54$ $901 \cdot 52$ $901 \cdot 49$ $901 \cdot 49$	901 · 26 901 · 25 901 · 20 901 · 20 901 · 19	900 · 92 900 · 90 960 · 89 900 · 90 900 · 90	901.05 901.05 901.03 901.04 901.07
16	901 · 78 901 · 65 901 · 90 901 · 98 902 · 00	906·14 906·15 906·18 906·18 906·38	904 - 28		901 · 40 901 · 35 901 · 32 901 · 29 901 · 15	901 · 17 901 · 15 901 · 12 901 · 16 901 · 18	901·41 901·37 901·42 901·45 901·47	$\begin{array}{c} 902 \cdot 24 \\ 902 \cdot 25 \\ 902 \cdot 18 \\ 902 \cdot 15 \\ 902 \cdot 12 \end{array}$	901 · 49 901 · 48 091 · 47 901 · 45 901 · 43	901·18 901·17 901·17 901·16 901·17	900 · 89 900 · 90 900 · 89 900 · 89 900 · 90	901-07 901-07 901-07 901-08 901-09
21		906·27 906·28 906·18 906·08 905·98	903-94		901 · 06 901 · 04 901 · 04 901 · 00 901 · 09	901 · 10 901 · 22 901 · 24 901 · 28 901 · 39	901 · 45 901 · 45 901 · 62 901 · 72 901 · 86	902·07 901·98 901·87 901·92 901·89	901 · 41 901 · 40 901 · 39 901 · 37 901 · 36	$\begin{array}{c} 901 \cdot 22 \\ 901 \cdot 23 \\ 901 \cdot 21 \\ 901 \cdot 18 \\ 901 \cdot 17 \end{array}$	900 · 90 900 · 91 900 · 93 900 · 97 •900 · 99	$\begin{array}{c} 901 \cdot 15 \\ 901 \cdot 20 \\ 901 \cdot 20 \\ 901 \cdot 25 \\ 901 \cdot 28 \end{array}$
26 27 28 29 30 31	904 · 38 904 · 58 904 · 98 905 · 18	905-88 905-68 905-58 905-58 905-48 905-47	903 · 48 903 · 38 903 · 27		901 · 21 901 · 16 901 · 21 901 · 26 901 · 25 901 · 26	901 · 45 901 · 55 901 · 60 901 · 58 901 · 52	$\begin{array}{c} 902 \cdot 01 \\ 902 \cdot 10 \\ 902 \cdot 01 \\ 902 \cdot 09 \\ 902 \cdot 19 \\ 902 \cdot 11 \end{array}$	901 · 86 901 · 82 901 · 72 901 · 66 901 · 64	901 · 33 901 · 31 901 · 30 901 · 28 901 · 28 901 · 27	901.03	901 · 00 900 · 97 900 · 99	901 · 32 901 · 33 901 · 32 901 · 33 901 · 34 901 · 41

Elevations above M.S.L. of Montreal River at Bay Lake, for 1913-14.

TABLE No. 22. 908 - 23 904 - 25 902-89 901.91 903 - 83 905-68 907-99 901.42 908 · 23 908 · 17 908 · 03 907 · 87 907 · 76 901 · 45 901 · 48 901 · 52 904 - 25 902-74 902 · 62 902 · 68 902 · 73 902 · 62 902 · 63 902 · 57 901.91 903 - 89 906-01 907 - 93 906.48 906-07 902-63 902-67 901.91 903·85 903·94 908 - 07 904 - 34 906 · 23 906 · 33 906.49 905 - 98 906.54 904.39 901.83 908-00 906 - 71 901.57 904 - 45 902 - 64 902.76 902 - 53 901.82 903-89 906.58 907·70 907·60 907·50 907·42 907·30 906.98 907.30 907.53 907.40 907.81 902-62 901-61 904 - 51 902.81 902,51 901.81 903·71 903·58 907-56 906 - 55 901·64 901·65 904 - 55 902 · 74 902 · 64 902 · 58 902 · 73 906-91 906-59 902-83 901.80 904 - 40 902-83 901-84 903-63 906 - 26 904.38 901 - 66 $904 \cdot 20$ 902-58 902 - 65 903+63 9)6·58 906·72 906-62 002.07 10..... 901.67 904 - 13 902 - 58 902 - 91 902.48 901.79 903.81 906-62 903 56 907 · 83 907 · 89 907 · 99 908 · 00 903 85 901.81 $903 \cdot 17$ 901 79 901 · 15 901 · 18 906-82 904-00 902·75 902·86 902·93 902-86 902-31 901.88 903 · 81 903 · 81 903 · 78 906 · 73 906 · 74 906 56 906 50 902 · 98 902 · 79 902 · 83 902 · 78 902 · 71 902 · 21 901 · 87 901·84 901·71 13..... 906-68 906-25 904 - 00 904.03 901 - 23 903 - 97 901.83 906 - 60 906.43 902-41 $\begin{array}{c} 907 \cdot 83 \\ 907 \cdot 70 \\ 907 \cdot 12 \end{array}$ 906-52 901.34 906-00 903.97 903-13 902-68 $901 \cdot 73$ 901 - 90 $903 \cdot 71$ 901.90 901.87 902.01 902.13 902.38 901·52 901·74 905.79 901-81 903.71 906-49 903-90 902-63 906.33 905 - 64 903 - 83 901-86 901-78 901-71 903 - 68 906.35 906 - 25 902-19 902-05 903-09 903 · 18 903 · 13 905·50 905·36 903 · 75 903 · 73 902·48 902·40 903 · 68 903 · 68 906 - 50 906-32 906 22 $902 \cdot 10$ 906 - 60 906.33 906 - 26 906 · 43 906 · 74 906 · 75 907 · 03 906-32 903 · 73 903 · 63 901.91 901.95 901.98902 · 63 902 · 82 903 · 08 906.20 901.90 $903 \cdot 34$ 905 - 09 903-03 $903 \cdot 71$ 901 · 79 901 · 73 903 - 59 904 · 95 904 · 84 $902 \cdot 91$ $902 \cdot 79$ $902 \cdot 83$ 902·31 902·48 902·43 903 - 69 906 · 29 906 · 22 $906 \cdot 38$ 904.01 906-43 24.... 25.... 903 - 94 906-22 906 - 46 901-68 905.85 904.70 903-47 902-77 902-43 901.96 903.41 904.18 907 - 33 906-30 906 - 45 901 - 59 902-68 902.50 904 - 69 901 · 53 901 · 50 907 - 36 904·45 904·40 904·30 903 · 46 903 · 38 902 · 60 902 · 58 902 · 61 903 · 56 903 · 70 903 · 81 907 · 98 908 · 24 902-61 $901 \cdot 95$ $904 \cdot 94$ 906-32 906 - 16 902·61 902·53 906 - 10 901-93 901-98 905·12 905·18 906-33 901 - 48 903 - 19 906 - 22 908 - 26 908-16 904 · 26 904 · 24 902-58 901-94 905 - 53 908-14 906-21 901-47 $902 \cdot 97$ 31..... 902-60 903.81 908-07 906-32 901-44

6 GEORGE V, A. 1916

Elevations above M.S.L. of Montreal River at Bay Lake, for 1914-15.

TABLE No. 23.

											IABLE	NO. 23.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	901 · 42	905 · 16	905 · 85	904 · 28	906 · 35	903 · 68	901 · 81	902 · 95	906 · 25	904 · 98	904 · 85	904 · 62
	901 · 42	905 · 36	905 · 65	904 · 20	906 · 25	903 · 63	901 · 76	903 · 15	906 · 34	904 · 92	904 · 80	904 · 52
	901 · 40	905 · 74	905 · 50	904 · 30	906 · 08	903 · 57	901 · 74	903 · 36	906 · 44	904 · 86	904 · 74	904 · 43
	901 · 39	906 · 10	905 · 50	904 · 80	905 · 95	903 · 53	901 · 68	903 · 51	906 · 50	904 · 79	904 · 64	904 · 30
	901 · 38	906 · 16	904 · 80	905 · 28	905 · 95	903 · 45	901 · 70	903 · 65	906 · 56	904 · 63	904 · 56	904 · 13
6 7 8 9	901 · 38 901 · 38 901 · 38 901 · 38 901 · 36	906-36 906-58 906-66 906-83 906-87	905 · 25 904 · 98 906 · 00 905 · 91 904 · 40	905 · 65 906 · 10 906 · 55 906 · 85 906 · 88	905·73 905·60 905·51 905·39 905·27	903 · 42 903 · 43 903 · 30 903 · 25 903 · 16	901 · 68 901 · 58 901 · 46 901 · 35 901 · 33	903 · 76 903 · 79 903 · 95 904 · 03 904 · 10	906 · 65 906 · 66 906 · 72 906 · 84 906 · 92	904 · 51 904 · 56 904 · 66 904 · 74 904 · 79	904 · 55 904 · 61 904 · 65 904 · 61 904 · 51	904.00 903.89 903.88 903.61 903.46
11.	901 · 38	906-78	905 · 16	907 · 05	905 · 12	903 · 10	901 · 29	904 · 17	906 · 93	904 · 86	904 · 47	903·34
12.	901 · 38	906-86	904 · 20	906 · 85	905 · 11	903 · 09	901 · 37	904 · 26	906 · 91	904 · 92	904 · 50	903·21
13.	901 · 37	906-98	904 · 20	906 · 80	904 · 97	903 · 02	901 · 32	904 · 31	906 · 88	904 · 98	904 · 50	903·06
14.	901 · 34	906-77	904 · 15	907 · 01	904 · 94	902 · 89	901 · 29	904 · 35	906 · 91	905 · 01	904 · 52	902·92
15.	901 · 35	907-45	904 · 22	907 · 25	904 · 89	902 · 74	901 · 33	904 · 37	906 · 86	905 · 04	904 · 52	902·78
16	901·34	906 · 83	904 · 10	907 · 40	904-78	902 · 61	901·36	904 · 46	906-78	904-89	904 · 53	902-66
	901·37	906 · 63	904 · 05	907 · 35	904-71	902 · 52	901·36	804 · 50	906-65	904-89	904 · 53	902-56
	901·48	906 · 47	904 · 10	907 · 28	904-66	902 · 48	901·47	904 · 54	906-58	904-93	904 · 52	902-33
	901·59	906 · 28	904 · 25	907 · 29	904-60	902 · 41	901·53	904 · 70	906-51	904-98	904 · 50	902-12
	901·76	906 · 59	904 · 28	907 · 25	904-48	902 · 41	901·56	904 · 91	906-34	904-98	904 · 46	901-94
21	901 · 88	906 · 59	904 · 11	907 · 30	904-47	902 · 38	901 · 69	905 · 17	906 · 18	904 · 98	904 · 42	901-76
	902 · 06	906 · 50	904 · 09	907 · 25	904-42	902 · 35	901 · 85	905 · 36	906 · 05	904 · 98	904 · 41	901-65
	902 · 23	906 · 85	903 · 75	907 · 27	904-40	902 · 31	902 · 04	905 · 50	905 · 91	904 · 99	904 · 45	901-53
	902 · 47	906 · 98	903 · 75	907 · 24	904-40	902 · 26	902 · 23	905 · 65	905 · 77	904 · 98	904 · 50	901-43
	902 · 70	906 · 90	903 · 75	907 · 24	904-36	902 · 16	902 · 36	905 · 79	905 · 64	904 · 96	904 · 57	901-34
26	903 · 18 903 · 61 904 · 03 904 · 58 904 · 88	906 · 75 906 · 69 906 · 50 906 · 30 906 · 18 906 · 10	903 - 63 903 - 40 903 - 39 903 - 65 904 - 00	907 · 22 907 · 10 906 · 90 906 · 72 906 · 58 906 · 42	904 · 21 904 · 10 903 · 98 903 · 79 903 · 68 903 · 59	902-04 901-96 901-86 901-80 901-85	902 · 46 902 · 51 902 · 54 902 · 56 902 · 56 902 · 60	905-86 905-98 906-06 906-11 906-20	905·51 905·38 905·30 905·21 905·17 905·10	904-96 904-95 904-94 904-92 904-90 904-86		901 · 26 901 · 22 901 · 11 901 · 10 900 · 92 900 · 76

Elevations above M.S.L. of Montreal River at Latchford, for 1913-14.

GAUGE NO. 2 BELOW DAM TABLE NO. 24. $901 \cdot 12$ 900 - 83 900.80 901 · 12 901 · 13 900-82 900-84 900-93 900.85 901-12 $900 \cdot 98$ 901 - 09 900 98 901-10 901.84 67 901-84 900.98 $901 \cdot 82$ 900 - 46 901.08 901-67 900-83 900·51 900·47 000.08 900-90 900 - 90 900-42 900-95 $\begin{array}{c} 902 \cdot 45 \\ 902 \cdot 25 \\ 902 \cdot 05 \\ 901 \cdot 70 \\ 901 \cdot 54 \end{array}$ $901 \cdot 12$ $901 \cdot 27$ $901 \cdot 14$ 900·41 900·37 900-37 901 - 13 900-42 900 - 40 901.07 900-39 901-45 901 · 12 901 · 10 901 · 07 900 - 36 901-35 900-99 900.35 900-87 900-35 901-22 900-92 900-36 21 22 23 901-02 900-95 900-54 900.37 901-02 901-54 901-17 900-87 900 · 23 900 · 25 900 · 37 900 - 45 900 - 97 900-92 900 - 41 900-89 900.35 900 - 90 $900 \cdot 75$ $900 \cdot 50$ 900 - 38 900 - 93 900 - 68 $900 \cdot 52$ $900 \cdot 20$ 901 · 24 901 · 02 901 · 12 901 · 22 27 28 29 $900 \cdot 74$ 900 - 61 900 - 23 900 - 23 900 - 77 900 - 89 900 - 62 900 - 15 900-88 900-18 900 - 72 900 - 16

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Montreal River at Latchford, for 1914-15.

GAUGE No. 2 BELOW DAM. TABLE No.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	960 · 15 900 · 18 900 · 18 900 · 16 900 · 15	903-15 903-36 903-65 903-90 903-95	902.05 901.60 901.79 901.75 902.13	900 · 23 899 · 95 899 · 69 899 · 85 900 · 01	899-98 899-95 899-95 899-93	899 · 66 899 · 69 899 · 66 899 · 65 999 · 64	899·37 899·34 899·33 899·32 899·32	899·24 899·30 899·35 899·40 899·42	899·38 899·39 899·39 899·41 899·43	899·32 899·31 899·30 899·29 899·47	899·54 899·54 899·53 899·60 899·61	899 · 62 899 · 60 899 · 58 899 · 65 899 · 64
6 7. 8. 9.	900 · 14 900 · 13 900 · 14 900 · 14 900 · 14	904 · 15 904 · 35 904 · 44 903 · 90 904 · 60	901-45 902-03 901-87 901-86 902-83	899-95 899-95 900-00 900-10	899 · 86 899 · 86 899 · 84 899 · 84 899 · 83	899 · 63 899 · 64 899 · 60 899 · 60 899 · 58	899 · 32 899 · 52 899 · 50 899 · 43 899 · 45	899 · 46 899 · 47 899 · 52 899 · 45 899 · 40	899 · 45 899 · 45 899 · 46 899 · 32 899 · 33	899·44 899·46 899·48 899·48 899·49	899·59 899·59 899·59 899·65 899·68	899 · 60 899 · 57 899 · 59 899 · 65 899 · 63
11	900 · 14 900 · 14 900 · 14 900 · 10 900 · 10	903 · 89 904 · 33 903 · 00 903 · 11 902 · 70	901 · 67 902 · 57 902 · 55 902 · 52 902 · 59	900 · 03 900 · 23 900 · 00 899 · 98 899 · 85	899 · 81 899 · 80 899 · 76 899 · 76 899 · 75	899·57 899·55 899·54 899·52 899·60	899 · 45 899 · 45 899 · 45 899 · 45 899 · 45	899 · 39 899 · 40 899 · 40 899 · 41 899 · 44	899 · 33 899 · 33 899 · 33 899 · 32 899 · 50	899 · 51 899 · 52 899 · 55 899 · 55 899 · 55	899·68 899·60 899·62 899·60 899·62	899 · 60 899 · 57 899 · 62 899 · 58 899 · 56
16. 17. 18. 19. 20.	900 · 12 900 · 15 900 · 23 900 · 29 900 · 45	903 · 25 903 · 15 903 · 05 902 · 47 902 · 20	902·50 902·20 902·64 902·74 902·93	899-89 900-10 900-14 900-00 900-00	899·74 899·73 899·71 899·71 899·68	899·56 899·55 899·53 899·51 899·51	899 · 47 899 · 47 899 · 49 899 · 51 899 · 53	899 · 45 899 · 45 899 · 45 899 · 25 899 · 03	899 · 47 899 · 45 899 · 44 899 · 43 899 · 58	899 · 73 899 · 56 899 · 56 899 · 56 899 · 56	899 · 60 899 · 60 899 · 60 899 · 59	899 · 49 899 · 52 899 · 65 899 · 63 899 · 59
21 22 23 24 25	900 · 55 900 · 67 900 · 84 900 · 86 901 · 15	902·33 902·34 901·70 901·78 901·97	902·91 902·92 900·63 900·35 900·35	899-98 899-98 899-98 899-98	899 · 68 899 · 67 899 · 66 899 · 65 899 · 65	899 · 25 899 · 31 899 · 48 899 · 48 899 · 90	899·54 899·34 899·41 899·41 899·45	899 · 11 899 · 16 899 · 20 899 · 22 899 · 26	899·55 899·53 899·52 899·50 899·48	899 · 58 899 · 58 899 · 59 899 · 59 899 · 59	899·59 899·59 899·45 899·48 899·48	899 · 55 899 · 54 899 · 50 899 · 49 899 · 47
26	901 · 53 901 · 91 902 · 25 902 · 65 902 · 92	$\begin{array}{c} 902\cdot05 \\ 901\cdot93 \\ 901\cdot90 \\ 901\cdot88 \\ 902\cdot24 \\ 902\cdot20 \end{array}.$	900 · 36 900 · 95 899 · 95 900 · 15 899 · 73	$\begin{array}{c} 899 \cdot 97 \\ 899 \cdot 97 \\ 900 \cdot 16 \\ 900 \cdot 03 \\ 900 \cdot 03 \\ 899 \cdot 98 \end{array}$	$\begin{array}{c} 899 \cdot 79 \\ 899 \cdot 75 \\ 899 \cdot 74 \\ 899 \cdot 71 \\ 899 \cdot 69 \\ 899 \cdot 65 \end{array}.$	899 · 43 899 · 43 899 · 39 899 · 38 899 · 38	$\begin{array}{c} 899 \cdot 46 \\ 899 \cdot 50 \\ 899 \cdot 70 \\ 899 \cdot 71 \\ 899 \cdot 71 \\ 899 \cdot 51 \end{array}$	899 · 46 899 · 29 899 · 30 899 · 33 899 · 35	$899 \cdot 45$ $899 \cdot 43$ $899 \cdot 40$ $899 \cdot 39$ $899 \cdot 37$ $899 \cdot 36$		899-48 899-48 899-47	899 · 45 899 · 44 899 · 42 899 · 42 899 · 58 899 · 54

Elevations above M.S.L. of Montreal River at Empire Mill, for 1909-10.

TABLE No. 26. 895 - 20 895-25 894 - 72 $895 \cdot 50$ 895-55 895.70 895 · 23 895 · 20 894 · 80 894 · 90 $895 \cdot 22$ $895 \cdot 25$ $895 \cdot 52 \\ 895 \cdot 50$ 895-60 895-67 894 · 85 894 · 75 894 - 55 895-60 895.70 894-65 895 · 57 895 · 55 895.70 894 - 75 894 - 65 895-12 895-47 894 - 75 894 - 65 895-05 895 - 20 895 - 57 895-52 895 - 55 895 - 65 894.85 804.75 895-05 895·26 895·20 895 · 72 895 · 72 895 · 75 895 · 50 895 · 50 895 - 60 894 - 85 895-65 894 - 85 895-05 895 - 60 894 - 85 894 - 95 894 - 95 895-25 895 · 50 895 · 50 895 - 55 894 - 75 894.85 895.95 895.80 895 - 67 895 - 45 894 - 75 895 - 15 895 - 75 894 - 75 895 · 25 895 · 20 894 · 75 894 · 80 895 · 75 895 · 77 895 · 55 895-80 894 - 75 895 - 25 895 - 35 895 - 55 895 - 82 895 - 30 894.75 895 - 20 895.70 894 - 60 895.52 895.85 895 · 25 895 · 25 894 · 75 894 · 75 894 - 60 895 - 20 895-65 895 - 50 895 - 82 894 - 60 895-15 895-57 895.55 \$95,80 895 - 25 894 - 75 894 - 60 895 - 15 895-52 895 - 55 895 - 80 895 - 20 894 - 65 896 - 45 18 895 · 15 895 · 15 895.78 895-20 896.75 894 - 65 895-65 894 - 60 895-62 895 - 75 894 - 65 20 895-65 894 - 60 895-15 895 - 62 895 - 35 895 - 75 895 - 15 895 - 60 895-05 894 - 65 897 - 35 897 - 45 897 - 45 897 - 55 895 · 60 895 · 45 894 · 60 894 · 60 895 · 15 895 · 20 895 · 20 895 · 60 895 · 57 895 · 55 895 · 75 895 · 75 895 · 75 895-45 895.05 894 - 65 895-49 895.05 894 - 65 894-65 895-40 895 - 05 894 · 55 894 · 55 895 - 40 895 - 45 895 - 55 895.72 894 - 95 $\begin{array}{c} 895 \cdot 70 \\ 895 \cdot 72 \\ 895 \cdot 72 \\ 895 \cdot 75 \\ 895 \cdot 75 \\ 895 \cdot 72 \end{array}$ 894-67 895 - 25 895 - 59 895.60 895 · 52 895 · 50 895 · 50 895 · 45 894 · 70 894 · 70 895 - 40 895 - 20 895 - 60 894 - 95 894 · 55 894 · 55 897 · 65 897 · 65 895 · 57 895 · 55 895.35 895 - 20 894 - 95 895 - 35 894 - 67 894 - 65 895 · 15 895 · 15 894 · 85 894 · 85 895 - 33 895 - 55 895-33 894 - 65 895 - 50 894 - 85

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Montreal River at Empire Mill, for 1910-11.

TABLE NO. 27.

											ADLE	
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	898·15	899·95	897 · 95	895 · 84	894 · 86	895 · 20	894 · 85	896·95	896·02	894 · 85	894 · 37	896·72
2	898·15	899·85	898 · 16	895 · 75	894 · 95	895 · 09	894 · 90	896·93	895·95	894 · 84	894 · 42	896·72
3	898·35	899·75	898 · 25	895 · 70	894 · 98	895 · 03	895 · 00	897·10	895·85	894 · 77	894 · 42	896·72
4	898·45	899·55	898 · 50	895 · 55	895 · 05	895 · 00	895 · 10	897·25	895·80	894 · 73	894 · 42	896·72
5	898·55	899·35	898 · 47	895 · 45	895 · 07	894 · 95	895 · 20	897·65	895·55	894 · 68	894 · 57	896·77
6	898-60	898 · 95	898·55	895·30	895 · 13	894 · 87	895 · 37	897 · 86	895 · 55	894 · 65	894 · 82	896 · 82
	898-65	898 · 75	898·55	895·32	895 · 21	894 · 75	895 · 60	898 · 03	895 · 50	894 · 60	895 · 07	896 · 77
	898-80	898 · 55	898·35	895·20	895 · 33	894 · 65	895 · 75	897 · 96	895 · 48	894 · 67	895 · 37	896 · 77
	898-85	898 · 45	898·15	895·20	895 · 15	894 · 56	896 · 02	897 · 94	895 · 47	894 · 83	895 · 77	896 · 82
	898-95	898 · 35	897·85	895·15	895 · 23	894 · 54	896 · 35	897 · 87	895 · 45	894 · 71	896 · 22	896 · 67
11	899 · 10	898 · 20	897.75	895 · 15	895 · 20	894·52	896 · 43	897 · 85	895 · 45	894 · 60	896 · 82	897 · 67
	899 · 15	897 · 95	897.75	895 · 13	895 · 15	894·57	896 · 35	897 · 80	895 · 35	894 · 55	896 · 82	896 · 77
	899 · 15	897 · 85	897.65	895 · 13	895 · 07	894·55	896 · 15	897 · 75	895 · 35	894 · 50	896 · 82	896 · 72
	898 · 05	897 · 65	897.61	895 · 05	895 · 15	894·47	896 · 05	897 · 67	895 · 40	894 · 45	896 · 82	896 · 67
	898 · 35	897 · 45	897.50	895 · 05	895 · 10	894·46	895 · 95	897 · 55	895 · 45	894 · 47	896 · 77	896 · 67
16	898·75	897·35	897-35	895 · 10	895 · 05	894 · 42	895 · 94	897·50	895·34	894-47	896 · 77	896·67
	899·15	897·25	897-25	895 · 05	894 · 95	894 · 35	896 · 12	897·43	895·34	894-47	896 · 82	896·72
	899·25	897·15	897-15	895 · 03	894 · 89	894 · 36	895 · 90	897·36	895·25	894-47	896 · 87	896·72
	899·25	897·13	897-05	894 · 80	894 · 85	894 · 35	895 · 87	897·25	895·15	894-42	896 · 87	896·77
	899·25	897·05	896-96	894 · 65	894 · 70	894 · 32	895 · 87	897·20	895·15	894-42	896 · 87	896·82
21 -22 -23 -24 -25	899·30 899·35 899·35 899·35 899·45	897 · 03 896 · 95 896 · 90 896 · 92 897 · 05	896 · 75 896 · 64 896 · 55 896 · 45 896 · 25	894 · 64 894 · 65 894 · 63 894 · 56 894 · 63	894 · 65 894 · 56 894 · 50 894 · 64	894 · 32 894 · 25 894 · 25 894 · 23 894 · 29	895 · 85 895 · 96 896 · 35 896 · 91 896 · 95	897.08 897.03 896.95 896.83 896.72	895·11 895·10 895·09 895·08 895·09	894 · 42 894 · 42 894 · 42 894 · 42 894 · 42	896-82 896-77 896-77 896-72 896-72	896 · 77 896 · 72 896 · 72
26. 27. 28. 29. 30.	899·49 900·55 900·35 900·00 899·95	897-05 897-35 897-45 897-52 897-61 897-75	896-20 896-15 896-05 895-95 895-90	894 · 64 894 · 64 894 · 60 894 · 55 894 · 65 894 · 75	894 · 69 894 · 75 894 · 95 895 · 15 895 · 15 895 · 24	894 · 33 894 · 47 894 · 45 894 · 55 894 · 70	896-95 896-98 897-05 897-03 896-95 896-92	896-48 896-36 896-27 896-16 896-05	895.07 895.03 895.00 894.95 894.91 894.85		896-77 896-87 896-77	896·77 896·87 896·77 896·77 896·77

Elevations above M.S.L. of Montreal River at Empire Mill, for 1911-12.

TABLE No. 28.

											IADLE	10. 20.
1	896·77 896·82 896·87 896·72 896·77	903 · 57 904 · 22 903 · 77 903 · 62 903 · 52	900·77 900·57 900·37 900·27 900·17	898-62 898-47 898-37 898-21 898-09	897 · 81 897 · 62 897 · 57 897 · 50 897 · 44	897 · 22 897 · 17 897 · 17 897 · 17 897 · 17	896 · 62 897 · 02 896 · 97 897 · 07 897 · 12	897 · 52 897 · 52 897 · 47 897 · 42 897 · 57	898·47 898·52 898·57 898·72 898·67	898-67 898-57 898-52 898-47 898-47	897-62 897-62 897-57 897-57 897-57	897·37 897·37 897·32 897·27 897·22
6	896·77 896·77 896·82 896·82 896·92	903·42 903·37 903·32 903·07 903·17	900·07 899·57 899·27 899·87 899·62	897 · 97 897 · 92 897 · 82 897 · 83 897 · 72	897·43 897·46 897·45 897·41 897·35	897 · 12 897 · 12 897 · 12 897 · 07 897 · 07	\$96.97 896.82 896.82 896.92 896.57	$897 \cdot 47$ $897 \cdot 42$ $897 \cdot 42$ $897 \cdot 57$ $897 \cdot 52$	898·52 898·47 898·37 898·37 898·32	898 · 42 898 · 42 898 · 42 898 · 37 898 · 37	897·52 897·47 897·42 897·42 897·32	897·17 897·17 897·17 897·17 897·12
11	896-82 896-82 896-87 896-97 897-12	903 · 22 903 · 32 903 · 12 903 · 07 903 · 12	899·52 899·57 899·82 900·07 901·37	897-62 897-53 897-48 897-37 897-33	897 · 79 897 · 85 897 · 87 897 · 92 897 · 92	897-17 897-07 897-02 896-97 896-97	$896 \cdot 52$ $896 \cdot 42$ $896 \cdot 32$ $896 \cdot 22$ $896 \cdot 27$	897.52 897.62 898.07 898.17 898.37	898-47 898-47 898-67 898-77 898-87	898-32 898-27 898-17	897·32 897·22 897·22 897·22 897·17	897 · 12 897 · 12 897 · 12 897 · 07 897 · 07
16	897 · 17 897 · 27 897 · 27 897 · 27 897 · 57	902·42 902·52 902·47 902·37 902·32	901 · 02 900 · 92 900 · 87 900 · 77 900 · 57	897 · 37 897 · 42 897 · 22 897 · 17 897 · 07	897-82 897-77 897-72 897-67 897-72	896 · 92 896 · 97 897 · 07 896 · 92 896 · 92	896·57 896·32 895·77 895·47 895·02	898 · 77 898 · 77 898 · 77 898 · 77 898 · 77	899 · 12 899 · 12 899 · 02		897 · 17 897 · 17 897 · 17 897 · 12 897 · 17	897.07 897.02 896.97 896.87 896.77
21	897.77 898.02 898.37 898.62 899.07	901 · 27 900 · 67 901 · 67 901 · 57 901 · 57	900·37 900·32 900·02 899·87 899·67	897·17 897·07 897·27 897·32 897·42	897 · 67 897 · 57 897 · 47 897 · 47 897 · 42	896·92 896·87 896·87 896·92 896·77	895 · 12 895 · 27 896 · 17 896 · 82 897 · 17	898-72 898-72 898-72 898-72 898-67	898 · 97 898 · 92 898 · 92 898 · 92 898 · 87	898 · 02 898 · 02 897 · 92 897 · 87 897 · 82	897 · 22 897 · 22 897 · 22 897 · 27 897 · 27	896-72 896-57 896-42 896-47 896-47
26 27 28 29 30 31	899·77 901·07 901·77 902·47 903·07	901 · 42 901 · 37 901 · 27 901 · 22 901 · 07 900 · 87	899 · 47 899 · 37 899 · 22 899 · 07 898 · 77	897 · 52 897 · 62 897 · 77 897 · 62 897 · 77 897 · 83	897·37 897·27 897·42 897·32 897·32 897·27	896·77 896·72 896·67 896·67	\$97.37 897.47 897.47 897.52 897.67 897.57	898 · 62 898 · 62 898 · 57 898 · 57 898 · 52	898 · 87 898 · 87 898 · 77 898 · 72 898 · 67 898 · 62	897 · 77 897 · 77 897 · 77 897 · 77 897 · 72 897 · 67		896 · 52 896 · 52 896 · 57 896 · 62 896 · 57

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Montreal River at Empire Mill, for 1912-13.

TABLE No. 29.

												140. 20.
Day.	April.	Мау.	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	896·52 896·50 896·47 896·43 896·28	901·58 901·70 901·80 901·88 901·89	902·38 902·28 902·18 901·98 901·79	899·08 898·96 898·83 898·71 898·65	897 · 44 897 · 39 897 · 32 897 · 25 897 · 20	897·42 897·36 897·18 897·06 897·04	897 · 14 897 · 07 897 · 03 897 · 03 897 · 03	898 · 15 897 · 88 898 · 10 898 · 03 897 · 87	897 - 70 897 - 64 897 - 45 897 - 45 897 - 45	896-90 896-97 896-74 896-75 896-73	894·89 895·07 895·15 895·05 894·90	894 · 65 894 · 66 894 · 64 894 · 65 894 · 65
6	896 · 16 896 · 22 896 · 30 896 · 41 896 · 50	901 · 91 901 · 94 901 · 98 902 · 00 902 · 01	901 · 68 901 · 49 901 · 38 901 · 28 901 · 09	898 · 60 898 · 55 898 · 52 898 · 50 898 · 48	897 · 10 897 · 03 897 · 03 897 · 08 897 · 07	897 · 17 897 · 08 897 · 47 897 · 33 897 · 13	897·19 897·20 896·93 896·97 896·87	897 · 93 898 · 00 897 · 93 897 · 89 898 · 15	897 · 45 897 · 45 897 · 60 897 · 56 897 · 38	896-94 896-75 896-60 896-50 896-41	894-82 894-80 894-80 894-80 894-87	894 · 65 894 · 65 894 · 65 894 · 65 895 · 01
1. 2. 3. 4. 5.	896-62 896-76 896-90 897-06 897-22	$\begin{array}{c} 901 \cdot 98 \\ 902 \cdot 18 \\ 902 \cdot 50 \\ 902 \cdot 58 \\ 902 \cdot 88 \end{array}$	900 · 98 900 · 89 900 · 68 900 · 58 900 · 48	898 · 47 988 · 45 898 · 43 898 · 38 898 · 32	897 · 40 897 · 30 897 · 21 897 · 27 897 · 34	897 · 13 896 · 98 897 · 13 897 · 03	896-91 897-00 897-13 897-15 896-99	898-00 897-90 897-80 897-88 897-80	897-38 897-38 897-38 897-35 898-15	896.35 896.75 896.70 896.45 896.18	894 · 83 894 · 75 894 · 75 894 · 80 894 · 95	894 · 83 894 · 78 894 · 63 894 · 63
6	897 · 41 897 · 58 897 · 84 898 · 16 898 · 21	902 · 98 903 · 09 903 · 18 903 · 28 903 · 38	900 · 38 900 · 33 900 · 28 900 · 23 900 · 18	898 · 25 898 · 18 898 · 13 898 · 05 898 · 00	897 · 33 897 · 18 897 · 26 897 · 33 897 · 02	897 · 22 897 · 10 897 · 01 897 · 02 896 · 97	896 · 85 896 · 73 896 · 84 896 · 93 897 · 23	897 · 57 897 · 78 897 · 70 897 · 53 897 · 47	898 · 15 897 · 30 897 · 30 897 · 25 897 · 22	895 · 85 895 · 57 895 · 45 896 · 04 896 · 04	894 · 78 894 · 76 894 · 67 894 · 68	894 · 73 894 · 94 894 · 94 894 · 94 894 · 95
1	898 · 28 898 · 58 898 · 98 899 · 13 899 · 23	903 · 29 903 · 19 903 · 18 903 · 08 902 · 88	900 · 08 900 · 10 899 · 98 899 · 88 899 · 75	897 · 98 897 · 95 897 · 90 897 · 86 897 · 80	896 · 98 896 · 98 896 · 97 896 · 86 897 · 20	896 · 95 897 · 42 897 · 30 897 · 20 897 · 31	897 · 15 896 · 95 897 · 13 897 · 27 897 · 50	897 · 55 897 · 68 897 · 60 897 · 85 897 · 70	897 · 15 897 · 37 897 · 24 897 · 08 897 · 25	895 · 74 895 · 55 895 · 25 895 · 13 895 · 01	894 · 66 894 · 60 894 · 68 894 · 72 894 · 80	894 · 96 895 · 05 894 · 92 895 · 35 895 · 35
6	899 · 28 900 · 08 900 · 48 900 · 98 901 · 38	902 · 78 902 · 59 302 · 68 902 · 68 902 · 58 902 · 48	899·64 899·53 899·41 899·28 899·19	897 · 76 897 · 72 897 · 67 897 · 63 897 · 58 897 · 50	897-17 896-94 896-99 896-97 896-99 896-96	898+31 898+28 897+28 897+61 898+30	897 · 73 898 · 30 898 · 31 898 · 15 898 · 23 898 · 07	897·48 897·48 897·50 897·50 897·45	897 · 24 897 · 13 897 · 02 897 · 24 897 · 08 896 · 85	894 · 95 896 · 34 895 · 15 894 · 95 894 · 93 894 · 93		895 · 33 895 · 23 895 · 17 895 · 16 895 · 40 895 · 89

ELEVATIONS above M.S.L. of Montreal River at Empire Mill, for 1913-14.

										1	TABLE	No. 30.
1 2	895-73 895-86 895-98 895-80 895-70	905-37 905-30 905-17 904-97 904-95	900-45 900-42 900-39 900-37 900-35	898·40 898·15 897·55 896·85 896·58	897 · 24 897 · 18 897 · 23 897 · 85 897 · 15	896 · 07 896 · 25 895 · 97 895 · 50 896 · 37	894 · 63 894 · 66 894 · 65 894 · 59 894 · 60	899·35 899·35 899·20 899·08 899·27	900 · 80 900 · 20 900 · 36 900 · 48 900 · 16	899·57 899·54 899·59 899·65 899·90	898 · 67 898 · 85 899 · 07 899 · 09 899 · 09	898 · 70 899 · 76 899 · 50 899 · 60 899 · 77
6	895 · 95 896 · 30 896 · 39 896 · 65 896 · 78	$\begin{array}{c} 904 \cdot 77 \\ 904 \cdot 72 \\ 904 \cdot 51 \\ 904 \cdot 40 \\ 904 \cdot 24 \end{array}$	900 · 35 900 · 43 900 · 43 900 · 43 900 · 41	896 · 90 897 · 80 898 · 00 897 · 37 897 · 47	897 · 05 897 · 00 897 · 04 897 · 15 897 · 45	894 · 83 894 · 80 895 · 20 894 · 95 894 · 98	894 · 87 894 · 79 894 · 75 894 · 64 894 · 61	$\begin{array}{c} 899 \cdot 45 \\ 899 \cdot 24 \\ 899 \cdot 13 \\ 899 \cdot 13 \\ 899 \cdot 58 \end{array}$	900 · 10 900 · 27 900 · 18 900 · 29 900 · 08	899 · 73 900 · 39 900 · 07 898 · 60 898 · 63	898 · 99 899 · 19 899 · 55 899 · 78 898 · 91	899·71 899·77 899·72 899·60 899·60
11	896 · 95 897 · 16 897 · 45 897 · 85 897 · 83	903 · 99 903 · 75 903 · 47 903 · 30 903 · 05	900 · 17 900 · 05 899 · 97 899 · 90 899 · 95	897 · 45 897 · 43 897 · 69 897 · 90 898 · 09	897-65 898-37 897-70 896-98 896-68	895-04 894-95 894-95 894-83 894-93	894 · 55 894 · 58 894 · 77 894 · 60 894 · 60	899 · 50 899 · 54 899 · 78 899 · 86 899 · 78	900 · 10 900 · 15 900 · 18 900 · 35 900 · 17	899·55 899·38 899·23 899·35 899·47	898 · 86 898 · 75 898 · 94 898 · 93 898 · 95	899·38 899·37 899·07 898·95 898·94
16	897 · 95 898 · 34 899 · 01 899 · 65 900 · 15	902 · 85 902 · 60 904 · 45 904 · 25 904 · 01	899·81 899·71 899·57 899·44 899·35	898 · 35 897 · 51 897 · 58 898 · 55 898 · 54	896 · 70 896 · 75 896 · 77 896 · 45 896 · 52	894·78 894·74 894·70 894·67 894·65	894 · 63 894 · 64 894 · 83 894 · 86 896 · 10	900 · 02 899 · 75 899 · 78 899 · 75 899 · 67	900 · 13 900 · 07 901 · 15 901 · 04 899 · 70	899 · 46 899 · 48 899 · 39 899 · 33 899 · 13	899 · 27 898 · 85 898 · 67 898 · 54 898 · 35	898·74 898·27 898·02 897·58 897·32
21	901 · 40 900 · 61 901 · 05 901 · 85 902 · 77	903 · 75 903 · 64 964 · 43 904 · 33 901 · 25	899 · 25 899 · 22 899 · 19 898 · 97 898 · 95	898 · 27 898 · 23 898 · 10 898 · 05 897 · 94	896 · 15 896 · 06 896 · 43 896 · 25 896 · 30	894-68 895-06 894-95 894-75 894-69	897 · 04 897 · 95 898 · 90 899 · 07 899 · 15	899 · 80 899 · 77 900 · 24 900 · 15 900 · 09	899 · 88 899 · 61 899 · 85 899 · 18 899 · 27	899 · 05 899 · 04 899 · 13 899 · 16 899 · 23	898 · 31 898 · 27 898 · 44 898 · 16 898 · 30	897·04 897·64 897·85 897·06 896·53
26	903 · 73 904 · 50 905 · 20 905 · 43 905 · 46	901 · 06 900 · 95 900 · 82 900 · 70 900 · 57 900 · 47	898-81 898-75 898-65 898-70 898-58	897-85 897-88 897-84 897-45 897-24 897-24	895 · 50 895 · 45 895 · 27 895 · 16 895 · 10 894 · 13	894·70 894·70 894·60 894·90 894·75	899 · 45 899 · 06 899 · 06 899 · 08 899 · 30 899 · 15	900 · 32 900 · 47 900 · 59 900 · 59 900 · 55	899·33 899·16 899·15 899·73 899·57 899·55	899-01 898-87 898-93 898-43 898-57 898-38	898-33 898-14 897-91	896 · 11 897 · 20 896 · 99 895 · 70 896 · 66 896 · 15

6 GEORGE V, A. 1916 Elevations above M.S.L. of Montreal River at Empire Mill, for 1914-15.

			_									
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	895 · 89 896 · 29 894 · 89 894 · 82 894 · 88	901·76 901·04 902·08 902·66 902·84	900·64 900·56 900·39 900·11 900·78	895 · 63 896 · 52 896 · 40 896 · 33 897 · 10	895 · 97 897 · 03 897 · 73 897 · 34 897 · 24	897 · 21 897 · 03 896 · 78 896 · 73 896 · 60	895 · 53 895 · 48 895 · 20 895 · 29 895 · 43	897·51 897·39 897·21 896·70 896·68	896 · 44 896 · 60 896 · 85 897 · 03 897 · 25	897 · 22 897 · 65 896 · 31 896 · 03 896 · 01	897 · 64 897 · 26 897 · 22 897 · 13 896 · 95	896 · 66 896 · 52 896 · 31 896 · 33 896 · 23
6 7 8 9 10	895-23 895-18 895-03 894-88 894-83	903·13 903·32 903·44 903·31 903·44	899-25 900-24 899-73 899-79 899-98	897 · 03 896 · 58 896 · 33 896 · 24 897 · 03	$896 \cdot 78$ $896 \cdot 23$ $895 \cdot 86$ $896 \cdot 41$ $896 \cdot 66$	$896 \cdot 68$ $896 \cdot 73$ $896 \cdot 09$ $895 \cdot 58$ $895 \cdot 51$	895 · 03 895 · 23 895 · 56 895 · 85 895 · 79	896·37 896·24 896·61 896·94 896·62	$897 \cdot 76$ $898 \cdot 19$ $898 \cdot 30$ $897 \cdot 83$ $897 \cdot 43$	895 · 90 895 · 84 895 · 76 895 · 71 895 · 81	896 · 76 897 · 10 897 · 67 897 · 93 898 · 20	896 · 27 896 · 26 896 · 51 896 · 65 896 · 70
11 12 13 14 14	894 · 81 894 · 84 894 · 97 894 · 98 894 · 86	993 · 26 902 · 76 902 · 43 902 · 52 901 · 78	899-37 898-73 898-61 898-43 898-83	896-98 898-78 898-23 897-13 895-13	897 · 00 896 · 96 895 · 27 895 · 02 894 · 75	895 · 29 895 · 08 895 · 23 895 · 29 896 · 33	896-05 896-52 896-52 896-48 896-51	896-66 896-59 896-58 896-82 896-88	$\begin{array}{c} 896 \cdot 73 \\ 896 \cdot 13 \\ 896 \cdot 08 \\ 896 \cdot 22 \\ 895 \cdot 68 \end{array}$	896 · 20 896 · 30 896 · 45 896 · 18 895 · 97	898-36 898-13 897-88 898-09 898-54	896 · 53 896 · 25 896 · 11 896 · 35 896 · 79
16	894 · 87 894 · 93 894 · 98 896 · 27 896 · 24	902-63 902-41 903-68 902-03 901-38	898 · 23 898 · 70 897 · 96 898 · 21 898 · 13	894 · 98 895 · 97 896 · 26 896 · 55 896 · 67	894 · 70 894 · 82 894 · 40 894 · 56 894 · 82	896·48 896·54 896·40 896·21 896·21	896-51 896-53 896-77 897-34 897-53	897 · 91 898 · 07 898 · 25 898 · 23 897 · 52	895 · 60 895 · 63 895 · 46 895 · 23 896 · 23	897 · 06 897 · 06 897 · 84 897 · 89 897 · 97	898-40 898-24 898-13 897-98 897-84	896-48 896-09 896-23 896-33
21 22 23 24 25	897 · 03 897 · 67 898 · 51 898 · 91 899 · 24	901-63 901-65 900-96 901-18 901-36	897-96 898-73 899-08 898-49 898-33	896-83 896-68 896-53 896-43 895-81	894 · 76 894 · 75 895 · 01 895 · 52 895 · 51	895 · 93 895 · 48 895 · 57 895 · 57 895 · 63	897 · 60 896 · 38 897 · 13 897 · 01 896 · 77	896 · 78 896 · 94 896 · 98 897 · 68 896 · 24	897 · 12 897 · 34 897 · 42 897 · 33 897 · 40	898 · 26 898 · 01 897 · 79 898 · 23 898 · 71	898-03 898-51 898-19 897-78 897-41	896 · 86 897 · 43 897 · 16 897 · 01 896 · 76
26	899·93 900·30 900·74 901·20 901·51	901-33 901-18 901-16 900-97 900-73 900-86	898 · 31 898 · 84 897 · 44 897 · 14 895 · 62	895-66 896-23 896-27 896-43 896-23	895 · 82 896 · 19 896 · 42 896 · 53 896 · 91 897 · 18	895 · 58 895 · 72 896 · 11 895 · 74 895 · 64	896 · 88 896 · 53 897 · 02 897 · 45 897 · 74 897 · 63	896·04 895·89 895·77 895·93 896·48	898-16 898-13 898-04 897-85 897-58	898-37 898-08 897-71 897-41 897-04	897-01 896-57 896-43	896 · 32 895 · 74 895 · 97 896 · 23 896 · 48 896 · 67

Elevations above M.S.L. of Montreal River at Gillies Depot, for 1913-14.

		 	TABLE No. 32.
1		896-66 896-43	898-26 898-62 8 898-49 898-82 8 898-50 898-92
7 8 9	 		898-57 898-91 898-67 898-85 898-60 898-81
11	 	896-26 896-07 897-31 896-06 897-52 896-08 897-33 896-11	898-30 898-29 898-25 898-14 898-19 898-03
17. 18. 19.		897-32 896-14 897-60 896-25 897-95 896-26 897-76 896-24 896-77 896-14	898-15 897-32 898-16 896-88 898-09 896-59
23		897·15 896·04 896·75 895·95 896·75 896·14 896·71 896·11 896·45 896·16	897-71 897-00 897-69 896-79 897-61 896-36
27 28 29		896-50 896-42 896-69 895-71 896-57 895-73 896-77 895-45 896-73 895-38 896-69 897-79	897-14 895-39 897-16 894-86 895-19 896-01

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Montreal River at Gillies Depot, for 1914-15.

TABLE No. 33. Day. April. May. June. July. Aug. Sept. Dec. Jan. Feb. Morch 895-38 900 - 52 299-86 894-46 895-43 896 · 88 896 · 73 896 · 68 897 · 51 897 · 39 897 · 21 896-39 897 · 54 897 · 23 896 · 94 894 · 41 893 · 93 900 · 71 900 · 84 899 · 62 899 · 58 896 · 10 895 · 95 896-75 897-41 895.06 896 · 60 896 · 76 896 · 95 896 · 49 896 · 17 896-26 896-14 895-95 896.54 896 · 80 897 · 65 897 · 79 897 · 97 894 · 24 893 · 95 892 · 95 896 · 11 895 · 83 895 · 75 896 · 27 896 · 51 896-00 901 - 64 899 · 17 892 · 35 895-89 895-52 895 · 46 895 · 65 898 · 13 897 · 82 896.38 895.92 0.01 - 62 901-63 896-45 896-47 895 - 42 896-63 897 - 38 895.77 896-47 802.38 $901 \cdot 50$ 898-91 896-68 895-86 895-15 805.80 896-67 896,63 $898 \cdot 24$ $897 \cdot 95$ $897 \cdot 76$ 893.04 901 - 28 898 · 32 897 · 98 895.48 894-98 895-51 896·41 896·41 898-36 896-66 896-02 896-36 896 · 05 895 · 89 901.08 896 - 63 896-05 896.38 896-10 896.26 901.08 896-40 893 - 82 896-25 896.41 897-30 895-63 896.78 898-39 892 · 90 893 · 07 893 · 69 893 · 74 897-58 897-60 897-56 897-76 896-25 898-20 898-09 897-94 897-84 897-84 901 - 10 896 · 50 896 · 26 896 · 40 896 · 80 897 · 29 898-15 895 · 48 895 · 37 895 · 50 897 · 68 897 · 99 900-90 896-65 893.43 898 · 10 897 · 90 893-86 900 - 61 896-21 896.08 898-05 900 - 41 897.78 896-33 896-00 897-45 897-33 896 - 59 898-10 896-08 897-07 895-86 $897.52 \\ 897.32$ 897.00 897 · 15 897 · 58 897 · 92 900.51 898-51 896-46 894-16 897-98 898-06 900 - 38 896-29 895-45 896-91 897 · 89 897 · 86 898 · 33 897 · 94 897 · 61 897 · 13 897 · 01 900 - 04 896-11 895 - 40 898-49 900 - 15 898 · 07 897 · 68 895.40 895-11 896-89 896.55 900 - 26 895.24 895 - 20 895 - 51 896-84 896 - 23 $899 \cdot 31$ 900 - 28 895-40 895-46 895 - 42 896-83 896-00 895.68 896 · 82 896 · 94 897 · 51 897 · 76 898 · 64 897 · 23 896 · 67 895 · 83 895 · 72 895 · 69 895 · 98 895 · 72 898 · 04 897 · 98 897 · 67 897 · 90 897 · 56 897 · 14 899-54 900-19 895.83 895.73 899.83 900-12 896-06 895-69 896-24 896-26 900.06 900.05 895.88 896-12 896.23 896-80 900.34 806.36 897 - 63 897 - 23 895-75 899-98 895.75 896.93 897 - 23

Elevations above M.S.L. of Kipawa River below Kipawa Dam, for 1912–13.

			TABLE	No. 34
1	866·17 866·37 866·16 866·37 866·15 866·37 866·12 866·37 866·13 866·37	866-00 870-93 866-00 870-93 866-01 870-89		868 · 89 868 · 83 868 · 79 868 · 75 868 · 71
6	866·14 866·37 866·14 866·42 866·17 866·42 866·17 866·42 866·18 866·42	866-02 870-84 866-02 870-81 866-02 870-79 866-03 870-79 866-03 870-79	869 · 73 869 · 71 869 · 68	868-69 868-67 868-65 868-64 868-62
11.	$\begin{array}{cccc} 866 \cdot 19 & 866 \cdot 42 \\ 866 \cdot 20 & 865 \cdot 91 \\ 866 \cdot 21 & 865 \cdot 91 \\ 866 \cdot 22 & 865 \cdot 92 \\ 866 \cdot 23 & 865 \cdot 92 \\ \end{array}$	866-03 870-78 866-03 870-77 866-03 870-77 866-04 870-77 866-04 870-76	869-55 869-52 869-49	868-60 868-58 868-56 868-54 868-52
16	$\begin{array}{cccc} 866 \cdot 24 & 865 \cdot 92 \\ 866 \cdot 24 & 865 \cdot 92 \\ 866 \cdot 27 & 865 \cdot 93 \\ 866 \cdot 27 & 865 \cdot 93 \\ 866 \cdot 27 & 865 \cdot 94 \\ \end{array}$	866-04 870-76 866-04 870-76 866-05 870-75 866-05 870-75 870-23 870-74	869-40 869-35 869-31	868-51 868-49 868-48 868-47 868-47
21 22 23 33 34 25.	866·29 865·94 866·29 865·94 866·32 865·95 866·32 865·96 866·32 865·96	$\begin{array}{cccc} 871 \cdot 23 & 870 \cdot 74 \\ 871 \cdot 23 & 870 \cdot 73 \\ 871 \cdot 23 & 870 \cdot 73 \\ 871 \cdot 23 & 870 \cdot 72 \\ 871 \cdot 21 & 870 \cdot 72 \\ 871 \cdot 18 & 870 \cdot 72 \end{array}$	869 · 20 869 · 16 869 · 11	868-46 868-44 868-41 868-39 868-36
26	866·34 865·97 866·34 865·97 866·34 865·98 866·34 865·98 866·37 865·99 866·37	$\begin{array}{cccccccccccccccccccccccccccccccccccc$		868-33 868-31 868-29 868-27 868-26 868-26

6 GEORGE V, A. 1916
ELEVATIONS above M.S.L. of Kipawa River below Kipawa Dam, for 1913-14.

											ADLE	110. 00.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	868 · 26 867 · 20 865 · 33 865 · 33 865 · 32	865 · 56 865 · 58 865 · 61 865 · 64 865 · 67	866·10 866·11 866·12 866·13 866·15	866·36 866·36 866·35 866·35 866·35	867-63 867-61 867-56 867-52 867-50	868·57 868·55 868·54 868·53 868·52	866·09 866·09 866·08 866·08	866.08 866.08 866.09 866.09	866·14 866·15 866·15 866·15 866·16	866 · 89 866 · 87 866 · 84 866 · 83 866 · 82	870 · 12 870 · 11 870 · 10 870 · 10 870 · 08	870 · 13 870 · 09 870 · 05 870 · 58 871 · 20
6	865·32 865·32 865·31 865·30 865·29	865 · 70 865 · 72 865 · 75 865 · 77 865 · 79	866 · 16 866 · 18 866 · 20 866 · 22 866 · 25	866 · 34 866 · 34 866 · 33 866 · 33	867 · 48 867 · 46 867 · 45 867 · 40 867 · 36	868 · 51 868 · 48 868 · 47 868 · 45 868 · 43	866·08 866·08 866·07 866·07 866·07	866 · 09 866 · 09 866 · 09 866 · 09 866 · 09	866 · 16 866 · 16 866 · 17 866 · 17 866 · 17	867 · 05 867 · 25 867 · 23 867 · 23 867 · 23	870 · 07 870 · 05 869 · 99 869 · 93 869 · 91	871 · 16 871 · 11 871 · 07 871 · 03 870 · 99
11	865 · 28 865 · 27 865 · 26 865 · 26 865 · 25	865-82 865-84 865-86 865-89 865-91	866·28 866·31 866·32 866·33 866·34	866·33 866·32 866·32 866·31 866·30	867·34 867·30 867·27 867·25 867·24	868 · 41 868 · 38 868 · 37 868 · 34 867 · 89	866-07 866-08 866-08 866-08 866-09	866·10 866·10 866·10 866·10 866·11	866-18 856-18 866-18 866-19 866-19	867 · 23 867 · 23 867 · 23 867 · 23 867 · 23	869 · 89 869 · 86 869 · 86 869 · 84 869 · 81	870 · 95 870 · 91 870 · 89 870 · 87 870 · 84
16	865 · 25 865 · 25 865 · 26 865 · 27 865 · 29	865-93 865-94 865-95 865-96 865-97	866·35 866·36 866·37 866·38 866·39	$866 \cdot 29$ $866 \cdot 27$ $866 \cdot 26$ $866 \cdot 24$ $866 \cdot 22$	967 · 23 867 · 21 867 · 18 867 · 17 867 · 15	866·79 866·11 866·09 866·09 866·10	866-09 866-09 866-09 866-08	866-11 866-11 866-11 866-11 866-12	866 · 19 866 · 19 866 · 20 866 · 20	867 · 23 867 · 23 867 · 23 867 · 23 867 · 23	869 · 77 869 · 73 869 · 72 869 · 69 869 · 67	870 · 81 870 · 77 870 · 72 870 · 68 870 · 65
21	\$65.30 865.32 865.33 865.35 865.38	865 · 98 866 · 00 866 · 01 866 · 02 866 · 03	866 · 40 866 · 39 866 · 39 866 · 38 866 · 38	866 · 20 866 · 19 866 · 18 866 · 17 866 · 16	868-31 869-03 868-66 868-63 868-61	866·10 866·19 866·09 866·09	866-08 866-08 866-08 866-09	866·12 866·12 866·12 866·12 866·12	866 · 20 866 · 20 866 · 21 866 · 34 866 · 53	867 · 23 867 · 23 867 · 23 867 · 22 867 · 21	869 · 66 869 · 63 869 · 62 869 · 60 869 · 90	870 · 63 870 · 48 870 · 28 870 · 08 869 · 88
26	865·39 865·41 865·46 865·50 865·54	866-04 866-05 866-06 866-07 866-08 866-09	866 · 37 866 · 37 866 · 37 866 · 36 866 · 36	866 · 15 866 · 14 866 · 93 867 · 73 867 · 69 867 · 65	868 - 60 868 - 60 868 - 59 868 - 59 868 - 58	866·10 866·10 866·10 866·10	866·09 866·09 866·09 866·09 866·08	866-13 866-14 866-14 866-14	866-53 866-51 866-62 866-80 866-90		870 · 21 870 · 19 870 · 16	869 · 75 869 · 64 869 · 57 869 · 53 869 · 49 869 · 43

${\tt Elevations}$ above M.S.L. of Kipawa River below Kipawa Dam, for 1914–15

				Α.						,		
										7	TABLE	No. 36.
1	869·15 869·08 869·04 869·03 868·98	865 · 39 865 · 40 865 · 41 865 · 43 865 · 45	865-75 865-76 865-76 865-77 865-78	865 · 90 865 · 90 865 · 89 865 · 89	865·79 865·78 865·78 865·78 865·78	867 · 01 867 · 00 866 · 98 866 · 97 867 · 96	865 · 48 865 · 48 865 · 47 865 · 47 865 · 47	$\begin{array}{c} 865 \cdot 42 \\ 865 \cdot 42 \\ 865 \cdot 42 \\ 865 \cdot 42 \\ 865 \cdot 42 \end{array}$	865-37 865-37 865-37 865-37 865-38	865 · 38 865 · 37 865 · 37 865 · 37	865·37 865·37 865·37 865·37 865·37	865·37 865·37 865·37 865·37 865·36
6	868 · 93 868 · 89 868 · 83 868 · 81 868 · 74	$865 \cdot 46$ $865 \cdot 48$ $865 \cdot 50$ $865 \cdot 52$ $865 \cdot 54$	865 · 79 865 · 79 865 · 80 865 · 80 865 · 80	865 · 88 865 · 87 865 · 87 865 · 86 865 · 85	865 · 77 865 · 77 865 · 77 865 · 76 865 · 76	868 · 98 868 · 92 868 · 86 868 · 82 868 · 79	$865 \cdot 47$ $865 \cdot 46$ $865 \cdot 46$ $865 \cdot 46$ $865 \cdot 46$	$865 \cdot 42$ $865 \cdot 42$ $865 \cdot 41$ $865 \cdot 41$ $865 \cdot 40$	865·38 865·38 865·38 865·38 865·38	865-38 865-38 865-38 865-38 865-37	865·38 865·39 865·38 865·38 865·37	865 · 36 865 · 36 865 · 36 865 · 36 865 · 36
1 2 3 4 5	868 · 73 868 · 69 868 · 67 868 · 22 866 · 45	865 · 55 865 · 56 865 · 57 865 · 59 865 · 62	865 · 80 865 · 80 865 · 80 865 · 81 865 · 81	865 · 85 865 · 84 865 · 83 865 · 83	865 · 76 865 · 75 865 · 75 865 · 75 865 · 75	868 · 77 868 · 75 868 · 72 868 · 68 868 · 65	$865 \cdot 47$ $865 \cdot 47$ $865 \cdot 46$ $865 \cdot 46$ $865 \cdot 45$	865 · 39 865 · 38 865 · 38 865 · 38 865 · 37	865·38 865·38 865·38 865·38 865·38	865·37 865·37 865·37 865·37 865·37	865·37 865·37 865·37 865·37 865·38	865 · 36 865 · 36 865 · 36 865 · 36 865 · 36
6	$865 \cdot 25$ $865 \cdot 25$ $865 \cdot 25$ $865 \cdot 26$ $865 \cdot 26$	865-65 865-65 865-66 865-66	865 · 81 865 · 81 865 · 82 865 · 82	865 · 82 865 · 82 865 · 82 865 · 82 865 · 82	865 · 75 865 · 75 865 · 74 865 · 73 865 · 73	868 · 60 867 · 44 865 · 52 865 · 52 865 · 52	865 · 45 865 · 45 865 · 46 865 · 46	865 · 37 865 · 37 865 · 38 865 · 38 865 · 38	265·38 865·38 865·38 865·38 865·38	865-37 865-37 865-37 865-37 865-36	865·38 865·37 865·37 865·37 865·37	865 · 36 865 · 36 865 · 36 865 · 36 865 · 36
21. 22. 33. 44.	865 · 26 865 · 26 865 · 27 865 · 27 865 · 28	865 · 67 865 · 68 865 · 69 865 · 70	865 · 83 865 · 84 865 · 84 865 · 85 865 · 86	865 · 82 865 · 81 865 · 81 865 · 80 865 · 80	865·72 865·72 865·71 865·70 865·69	865 · 51 865 · 50 865 · 50 865 · 50 865 · 50	865 · 44 865 · 44 865 · 44 865 · 42	865·38 865·37 865·37 865·37	865·37 865·37 865·37 865·37 865·37	865-37 865-37 865-37 865-37 865-37	865 · 36 865 · 36 865 · 36 865 · 36 865 · 36	865 · 36 865 · 36 865 · 36 865 · 36 865 · 36
26. 27. 28. 29.	865·32 865·32 865·33 865·35 865·37	865.71 865.73 865.74 865.75 865.75	865 · 87 865 · 87 865 · 88 865 · 89 865 · 89	865 · 80 865 · 80 865 · 80 865 · 79 865 · 79 865 · 79	865-69 865-68 865-68 865-68 865-68	865-49 865-49 865-47 865-46	865 · 43 865 · 43 865 · 43 865 · 43 865 · 42 865 · 42	865·38 865·38 865·38 865·38	865-37 865-37 865-38 865-38 865-38	865 - 37	865·36 865·36 865·37	865 · 36 865 · 36 865 · 36 865 · 36 865 · 36

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Kipawa Lake at Kipawa Village, for 1909-10.

TABLE No. 37.

Day. April. May. June. July. Aug. Sept. Oct. Nov. Dec Ian Feb. March. 875 · 61 875 · 36 875 · 35 875 · 35 873-81 881-16 . . 876-96 873.96 873 - 20 875-03 879 · 06 879 · 06 878 · 86 876-91 876-86 873 · 91 873 · 86 873 · 23 873 · 22 873 · 20 875.06 875.06 875.07 875 · 36 875 · 36 875 · 36 873 - 86 873-88 878 - 76 876.78 873.76 873 - 19 875-09 878-66 876-76 875.22 873-68 875-10 873 - 96 878-61 878-46 878-31 876-66 876-58 876-58 875 · 24 875 · 21 875 · 13 873 · 18 873 · 18 875·12 875·14 875·15 875·38 875·39 874-06 878 - 16 878-06 877-99 877-91 877-81 877-66 876.44 875.06 873-45 874-11 875 - 17 875 - 42 876 · 44 876 · 36 876 · 26 876 · 18 876 · 16 873 · 43 873 · 41 873 · 26 873 · 31 873 · 33 875-18 875 · 43 875 · 44 875 · 44 874-16 874 · 94 874 · 89 875 · 20 875 · 21 881.06 874 - 19 874 - 64 874 - 85 875 - 22 875 - 45 $876 \cdot 16 \\ 876 \cdot 15 \\ 876 \cdot 06$ 877 - 56 873-40 873-36 877 · 46 877 · 51 877 · 36 877 · 26 873 · 40 874 · 24 873 · 44 873 · 46 873 · 46 873 · 38 873 · 36 873 · 34 874 · 81 874 · 71 874 · 66 874 - 66 875-46 875-46 875-47 18..... 874 · 74 874 · 75 874 · 76 876·04 876·03 874.56 875-48 HE 21. 22. 880·16 22. 23. 24. 25. 877 · 08 877 · 06 877 · 16 877 · 17 877 · 10 874 · 51 874 · 46 874 · 41 874 · 36 874 · 36 $875 \cdot 91 \\ 875 \cdot 86 \\ 875 \cdot 83$ 873 · 31 873 · 34 873 · 36 873 · 56 873 · 64 874·76 874·86 874·87 875-49 875 · 28 875 · 29 875 · 29 875 · 49 875 · 46 875 · 66 875 · 68 875-56 874 - 91 875.30 877·06 875·64 877·03 875·56 876·96 875·52 877·03 875·46 877·01 875·41 877·00 875·36 874 · 28 874 · 21 874 · 13 874 · 09 874 · 93 874 · 95 874 · 97 874 · 98 874 · 99 873·71 873·78 875-31 875 - 56 873 · 25 893 · 24 875-56 875 · 58 875 · 66 875 · 71 30 874.06 873 - 22

ELEVATIONS above M.S.L. of Kipawa Lake at Kipawa Village, for 1910-11.

					I. ee ee			punu		80, 10	. 101	0 11.
		•								7	ABLE	38. No.
1 2 3 4 5	875 · 81 875 · 93 876 · 06 876 · 12 876 · 24	879 · 66 879 · 76 879 · 79 379 · 87 879 · 88	878-95 878-98 879-03 879-05 879-06	880 · 26 880 · 26 880 · 26 880 · 25 880 · 18	879 · 28 879 · 26 879 · 18 879 · 16 879 · 16	878 · 83 878 · 81 878 · 79 878 · 81 878 · 83	878 · 71 878 · 76 878 · 76 878 · 83 878 · 83	879·36 879·36 879·36 879·35 879·34	878 · 66 878 · 58 878 · 56 878 · 54 878 · 53	878-06 878-01 877-91 877-86 877-86	876·51 876·46 876·41 876·36 876·31	874 · 51 874 · 36 874 · 26 874 · 11 874 · 06
6	876-35 876-56 876-66 876-76 876-96	879 · 85 . 879 · 78 879 · 71 879 · 68 879 · 65	879·16 879·16 879·17 879·17	$880 \cdot 16$ $880 \cdot 16$ $880 \cdot 16$ $880 \cdot 09$ $880 \cdot 08$	879 · 13 897 · 10 879 · 06 879 · 01 878 · 99	878 · 85 878 · 86 878 · 81 878 · 84 878 · 81	\$78.96 \$78.96 \$78.91 \$78.96 \$79.01	879 · 33 879 · 33 879 · 31 879 · 29 879 · 29	878-48 878-41 878-41 878-40 878-38	877 · 86 877 · 86 877 · 86 877 · 86 877 · 86	876-26 876-16 876-06 876-01 875-96	873 · 86 873 · 76 873 · 66 873 · 56 873 · 56
11	877-06 877-21 877-36 877-46 877-61	879 · 58 879 · 56 879 · 54 879 · 39 879 · 36	$\begin{array}{c} 879 \cdot 19 \\ 879 \cdot 36 \\ 879 \cdot 56 \\ 879 \cdot 59 \\ 879 \cdot 59 \end{array}$	880.08 880.05 880.04 879.96 879.96	878-96 878-93 878-89 878-86 878-78	878 · 76 878 · 81 878 · 80 878 · 79 878 · 78	879-06 879-06 879-05 879-11 879-06	879·31 879·31 879·31 879·30 879·27	878·37 878·36 878·31 878·31 878·28	877·76 877·66	875-91	873 · 36 873 · 36 873 · 26 873 · 16 873 · 06
16	877.76 877.96 878.06 878.21 878.28	879 · 26 879 · 16 879 · 36 879 · 16 878 · 99	879 · 68 879 · 77 879 · 87 879 · 96 879 · 98	879·95 879·88 879·85 879·77 879·66	878·73 878·70 878·70 878·70 878·71	878·76 878·74 878·74 878·74 878·75	879 · 11 879 · 16 879 · 20 879 · 21 879 · 21	879 · 25 879 · 16 879 · 11 879 · 06 879 · 01	878 · 26 878 · 24 878 · 26 878 · 24 878 · 22	877·51 877·41 877·36 877·26 877·26	875·36 875·31	872 · 96 872 · 86 872 · 86 872 · 81 872 · 76
21 22 23 24 25	878 · 46 878 · 56 878 · 66 878 · 86 878 · 96	878 · 96 878 · 88 878 · 87 878 · 88 878 · 88	880 · 00 880 · 07 880 · 16 880 · 17 880 · 18	879 · 64 879 · 66 879 · 64 879 · 58 879 · 56	878 · 69 878 · 68 878 · 67 878 · 66 878 · 79	878 · 76 878 · 71 878 · 71 878 · 71 878 · 71	879·25 879·26 879·29 879·32 879·36	878 · 96 878 · 89 878 · 83 878 · 82 878 · 77	878 · 18 878 · 14 878 · 13 878 · 11 878 · 10	877 · 26 877 · 16 877 · 01 876 · 96 876 · 86	875 · 26 875 · 16 875 · 06 875 · 06 874 · 96	872 · 76 872 · 76 872 · 71 872 · 66 872 · 61
26 27 28 29 30 31	879-06 879-26 879-36 879-46 879-57	878-88 878-87 878-85 878-78 878-86 878-88	880 · 18 880 · 27 880 · 28 880 · 28 880 · 25	879·56 879·56 879·48 879·38 879·44 879·37	878 · 84 878 · 81 878 · 86 878 · 85 878 · 85 878 · 84	878 · 71 878 · 81 878 · 76 878 · 74 878 · 69	879 · 40 879 · 43 879 · 39 879 · 36 879 · 36 879 · 36	878-74 878-68 878-67 878-65 878-65	878 · 10 878 · 07 878 · 06 878 · 05 878 · 01 877 · 96		874 · 86 874 · 76 874 · 61	872.56 872.51 872.51 872.46 872.46 872.41

6 GEORGE V. A. 1916

Elevations above M.S.L. of Kipawa Lake at Kipawa Village, for 1911–12.

										7	TABLE	No. 39.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	872·41 872·41 872·46 872·46 872·56	875 · 16 875 · 46 875 · 76 876 · 06 876 · 46	880 · 86 880 · 86 880 · 81 880 · 76 880 · 76	879·05 879·04 878·98 878·98 878·98	878-51 878-51 878-48 878-51 878-48	877 - 76 877 - 76 877 - 76 877 - 76 877 - 76	877 · 26 877 · 26 877 · 26 877 · 16 877 · 21	877.06 877.01 877.01 876.96 877.01	877 · 66 877 · 71 877 · 76 877 · 76 877 · 71	878·71 878·71 878·76 878·76 878·81	879 · 46 879 · 46 879 · 46 879 · 46 879 · 51	877 · 76 877 · 66 877 · 61 877 · 36 877 · 06
6	872·56 872·56 872·61 872·61 872·66	876 · 76 877 · 06 877 · 46 877 · 86 878 · 16	880 · 71 880 · 66 880 · 66 880 · 56 880 · 46	879-06 879-04 878-99 878-96 878-96	878 · 48 878 · 46 878 · 51 878 · 46 878 · 46	877 · 76 877 · 71 877 · 66 877 · 66 877 · 66	877 · 16 877 · 16 877 · 11 877 · 16 877 · 11	877-06 877-06 877-06 877-06 877-06	877 · 71 877 · 76 877 · 76 877 · 76 877 · 76 877 · 81	878 · 86 878 · 86 878 · 91 878 · 96 878 · 96	879·51 879·56 879·56 879·56 879·56	876 · 96 876 · 86 876 · 76 876 · 56 876 · 44
11	872 · 66 872 · 66 872 · 66 872 · 76 872 · 86	878 · 46 878 · 86 879 · 16 879 · 46 879 · 71	880 · 46 880 · 46 880 · 46 880 · 46 880 · 36	879-06 878-96 878-91 878-86 878-86	878 · 41 878 · 36 878 · 26 878 · 16 878 · 16	877 · 56 877 · 61 877 · 56 877 · 51 877 · 46	877 · 16 877 · 16 877 · 11 877 · 06 877 · 06	877 · 06 877 · 11 877 · 11 877 · 11 877 · 11	877 · 86 877 · 96 877 · 96 877 · 96 878 · 06	878-96 879-01 879-01 879-01 879-06	879·56 879·61 879·61 879·51 879·46	876 · 26 876 · 11 875 · 96 875 · 86 875 · 76
16	872 · 96 873 · 06 873 · 06 873 · 16 873 · 16	879 · 96 880 · 16 880 · 36 880 · 46 880 · 56	880 · 26 880 · 16 880 · 11 880 · 06 880 · 06	878 · 86 878 · 86 878 · 86 878 · 86 878 · 86	878.06 878.06 878.06 878.06 878.06	877 · 46 877 · 46 877 · 46 877 · 46 877 · 46	877 · 01 876 · 96 877 · 01 876 · 96 876 · 96	877 · 11 877 · 21 877 · 31 877 · 36 877 · 36	878-06 878-16 878-16 878-16 878-26	879 · 11 879 · 11 879 · 11 879 · 16 879 · 16	879 · 41 879 · 41 879 · 31 879 · 16 879 · 11	875 · 56 875 · 51 875 · 46 875 · 31 875 · 21
21	873 · 26 873 · 36 973 · 46 873 · 56 873 · 76	880 · 66 880 · 71 880 · 76 880 · 76 880 · 86	879-91 879-86 879-81 879-71 879-66	878 · 76 878 · 76 878 · 66 878 · 76 878 · 76	877 · 96 878 · 01 877 · 96 877 · 96 877 · 91	877 · 41 877 · 41 877 · 36 877 · 36 877 · 31	877 · 01 877 · 01 877 · 06 877 · 06 877 · 06	877 · 41 877 · 41 877 · 46 877 · 51 877 · 51	878 · 26 878 · 31 878 · 31 878 · 36 878 · 36	$879 \cdot 16$ $879 \cdot 26$ $879 \cdot 26$ $879 \cdot 26$ $879 \cdot 26$	879.06 878.91 878.91 878.91 878.61	875 · 11 875 · 01 874 · 86 874 · 76 874 · 66
26	873 · 96 874 · 06 874 · 31 874 · 56 874 · 86	880 · 86 880 · 86 880 · 86 880 · 86 880 · 76 880 · 76	879 · 56 879 · 46 879 · 38 879 · 28 879 · 16	878·71 878·66 878·66 878·61 878·56	877 · 91 877 · 86 877 · 86 877 · 86 877 · 86 877 · 81	877 · 31 877 · 26 877 · 26 877 · 31 877 · 26	877-06 877-06 877-06 877-01 877-06 877-06	877-56 877-56 877-56 877-56 877-61	878-36 878-46 878-51 878-56 878-56 878-66	879·31 879·31 879·31 879·36 879·26 879·26	878 · 41 878 · 21 878 · 06 877 · 91	874·56 874·56 874·56 874·61 874·61

Elevations above M.S.L. of Kipawa Lake at Kipawa Village, for 1912-13.

TABLE No. 40. 879 · 25 879 · 20 879 · 14 879 · 08 879 · 08 879 · 04 879 · 04 879 · 06 $\begin{array}{c} 877 \cdot 06 \\ 877 \cdot 23 \\ 877 \cdot 40 \\ 877 \cdot 57 \\ 877 \cdot 75 \end{array}$ 882·30 882·32 882·36 882·36 874-66 874-68 874-69 881.72 880-66 $879 \cdot 44 \\ 879 \cdot 46 \\ 879 \cdot 46$ 880-36 879 · 36 879 · 36 879 · 26 873.38 881-68 881-64 880 - 62 880-46 875 · 61 875 · 49 875 · 26 880 - 61 874 · 69 874 · 69 881.60 880.56 880.51 879.46 5..... 881.57 880.31 879.04 880.53 874 · 70 874 · 85 874 · 87 874 · 90 879-07 879.05 879-51 880-53 879-04 875 - 16 881-53 880.41 878-07 878-23 878-38 882·37 882·37 882·30 881 · 48 881 · 46 881 · 45 880 · 37 880 · 36 880 · 27 879 · 04 878 · 96 879·52 879·54 880 · 55 880 · 59 879 · 01 878 · 86 874.93 881-41 878 · 91 878 · 84 878 · 81 878 · 78 880 · 71 880 · 74 874.95 878 - 65 881 - 40 880 - 34 879.08 878-21 874 - 81 882-21 874 · 95 875 · 00 875 · 04 875 · 07 875 · 14 878-06 878-01 880 - 28 879.56 880 - 21 $879 \cdot 56$ 880 - 81 881 - 36 880 - 19 880.86 877 · 76 877 · 56 879-67 880 - 15 879.11 880 - 91 15..... 881.92 881.33 878 · 82 878 · 76 878 · 76 878 · 74 875 · 23 875 · 32 875 · 44 875 · 51 877 · 36 877 · 26 877 · 16 877 · 06 874 · 36 874 · 33 874 · 21 874 · 11 880-08 879·08 879·11 879·14 879.60 880.96 881.01 880 · 14 880 · 36 881 · 30 881 · 24 880.03 879 · 66 879 · 71 879 - 99 881-03 18..... 881.81 19..... 875.57 880.86 881-69 881.06 879.88 878 - 86 881.06 875-62 875-75 875-90 876-03 876-14 878 · 88 878 · 86 878 · 90 878 · 94 873 · 96 873 · 86 873 · 76 873 · 66 872 · 38 872 · 36 872 · 26 872 · 24 881 · 04 881 · 21 881 · 45 879 · 84 879 · 79 879 · 74 881.06 881-64 881.06 879-11 879.86 876-96 880 · 96 880 · 76 880 · 56 22...... 876 · 56 876 · 46 881 - 66 880-96 879.99 881 · 65 881 · 77 24..... 880.06 880 - 86 880-16 880-36 879·02 879·01 879·04 879·05 879·04 $\begin{array}{c} 872 \cdot 24 \\ 872 \cdot 21 \\ 872 \cdot 18 \\ 872 \cdot 18 \\ 872 \cdot 18 \\ 872 \cdot 17 \end{array}$ $881 \cdot 70$ 879.56 880.10 880.26 $873 \cdot 60 \\ 873 \cdot 54 \\ 873 \cdot 46$ 882·01 882·14 $881.72 \\ 881.76$ 880 · 76 880 · 76 879 · 51 879 · 46 879 · 43 880 - 22 880-16 881.79 880 - 36 880.06 882 · 26 882 · 29 879-31 879-34 30..... $880 \cdot 73$ 880 - 36 31.....

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Kipawa Lake at Kipawa Village, for 1913-14-

TABLE No. 41. Day. April. May. June. July. . Aug. Sept. Oct. Nov. Dec. Jan. Feb. March 872·21 872·21 872·26 872·56 879 · 16 879 · 16 879 · 16 879 · 14 877-83 883-03 883 - 76 882 - 63 880.46 879 - 21 880.61 $881 \cdot 59$ 880.96 878 - 26 878 · 26 878 · 13 878 · 01 877 · 86 877 · 71 878 · 06 878 · 38 878 · 66 883 · 13 883 · 26 883 · 76 883 · 71 882·56 882·52 882·42 880 · 41 880 · 36 879 · 20 879 · 19 879 · 24 880 · 66 880 · 72 880 · 76 881 · 56 881 · 56 881 · 61 880 · 86 880 · 76 880 - 26 880 - 64 878-96 883 - 36 883 - 60 880 - 16 881-66 880 - 54 $\begin{array}{c} 872 \cdot 66 \\ 872 \cdot 76 \\ 872 \cdot 86 \\ 872 \cdot 96 \\ 873 \cdot 06 \end{array}$ 877 · 49 877 · 36 877 · 21 877 · 03 879-36 883-44 883 - 58 882 - 27 880.06 879.08 879-26 880 - 86 881-61 880 - 44 879 · 56 879 · 76 880 · 01 883 · 52 883 · 56 882 · 19 882 · 08 882 · 06 879 · 96 879 · 93 879 · 83 879 · 31 879 · 35 879 · 46 880.94 881.61 880 - 31 883 - 46 881.04 881-61 883 - 58 883 - 46 881 - 06 9..... 881-64 $880 \cdot 19$ 883 - 58 883 - 46 882-01 879 - 69 879-56 881.09 881 - 64 880 - 16 876.86 879 · 60 879 · 56 879 · 51 879 · 46 $873 \cdot 16 \\ 873 \cdot 31 \\ 873 \cdot 46$ 880 - 43 883 - 62 883-42 881.99 879·06 879·06 879 - 56 881-11 881 - 64 880 - 06 890 · 56 880 · 79 883-39 879-96 879-86 881 · 16 881 · 18 881 · 61 881 · 61 876 · 51 876 · 39 13..... 883-36 879.06 879 · 63 879 · 66 879 · 66 873 · 58 873 · 76 880 - 93 883 · 68 883 · 71 879·06 879·06 883 - 36 881.72 881 - 24 15..... 881.06 883 - 34 881-66 879 - 44 881-26 876 - 16 883 · 73 883 · 76 883 · 76 883 · 76 879 · 06 879 · 06 879 · 05 879 · 04 879-66 879-71 879-76 879-81 879-91 873-91 879 - 43 881-26 881.59 879 - 56 876 - 06 881 · 39 881 · 56 881 · 70 883 · 26 883 · 26 881 · 58 881 · 56 879·41 879·36 879·36 881-28 879 - 46 875 - 86 881·31 881·32 $881 \cdot 56$ 879 · 34 879 · 24 875 · 69 875 · 50 874 - 46 883 - 21 881-46 881 - 54 20. 874-66 881.82 883.78 883 - 18 881-36 879 - 35 879-04 881.36 881.54 879 - 13 874 · 86 875 · 06 875 · 26 875 · 54 883 · 78 883 · 78 883 · 78 883 · 78 881.91 883-16 881 - 29 879-33 879-04 879 - 93 879-04 881 - 36 881 - 54 875-03 874 · 86 874 · 80 874 · 74 874 · 68 883.06 880 - 04 878 - 96 881.22 881.39 881 - 54 882 · 21 882 · 33 883.06 881 · 18 881 · 16 881 · 03 879-31 880-11 881.43 881 - 54 878 · 86 878 · 76 879 · 31 879 · 31 879-06 883.06 880 - 18 881-45 881-46 881.54 25. 875 - 83 883 - 78 883.01 879 - 10 878-66 880 - 21 881.54 $\begin{array}{c} 876 \cdot 13 \\ 876 \cdot 54 \\ 876 \cdot 86 \\ 877 \cdot 16 \\ 877 \cdot 46 \end{array}$ 882 · 96 882 · 89 882 · 87 882 · 81 882 · 76 879 · 16 879 · 16 879 · 16 879 · 18 883.78 880.01 $879 \cdot 31 \\ 879 \cdot 31 \\ 879 \cdot 29$ $882 \cdot 56$ $880 \cdot 26$ 881.54881.54 878 - 56 883 · 78 883 · 77 883 · 76 883 · 76 874 · 64 874 · 61 874 · 56 874 · 51 882 · 69 882 · 76 880 · 90 880 · 76 880 · 71 881 · 54 881 · 53 881 · 57 880 · 35 880 · 41 881 - 46 29 882.86 880 - 48 881 - 36 882.91 880 - 66 879 - 23 879 · 21 879 · 21 880 - 56 881.57 881 - 26 31..... 882.96 882 - 66 800 - 56 881-61 881-11 874 - 44

Elevations above M.S.L. of Kipawa Lake at Kipawa Village, for 1914-15.

							1		0-)		
										TABLE	No. 2.
1	874 · 36 874 · 26 874 · 16 874 · 06 873 · 96	874 · 86 879 · 50 874 · 96 879 · 6 875 · 11 879 · 70 875 · 29 879 · 80 875 · 61 879 · 80	880 · 36 880 · 36 880 · 36	879 · 31 879 · 26 879 · 20 879 · 15 879 · 10	877 · 72 877 · 69 877 · 66 877 · 64 877 · 61	875 · 76 875 · 74 875 · 70 875 · 67 875 · 65	875 · 18 875 · 17 875 · 16 875 · 15 875 · 14	874 · 92 874 · 91 874 · 90 874 · 89 874 · 88	874 · 77 874 · 78 874 · 79 874 · 80 874 · 80	874-79 874-79 874-78 874-80 874-81	874-81 874-80 874-80 874-80 874-79
6	873 · 91 873 · 81 873 · 76 873 · 66 873 · 58	875-86 879-9 876-06 879-9 876-26 879-9 876-45 879-9 876-61 880-0	880 · 33 880 · 28 880 · 26	879 · 03 879 · 02 879 · 01 878 · 96 878 · 94	$877 \cdot 47$ $877 \cdot 30$ $877 \cdot 21$ $877 \cdot 13$ $877 \cdot 04$	875-63 875-61 875-60 875-58 875-56	875 · 13 875 · 12 875 · 10 875 · 08 875 · 07	874 · 87 874 · 86 874 · 86 874 · 86 874 · 86	874 · 81 874 · 83 874 · 82 874 · 83 874 · 83	874-81 874-80 874-79 874-82	874 · 78 874 · 77 874 · 77 874 · 76 874 · 76
11	873 · 51 873 · 46 873 · 41 873 · 36 873 · 33	876-86 880-1 877-06 880-1 877-26 880-2 877-46 880-2 877-56 880-2	880 · 16 880 · 14 880 · 10	878 · 90 878 · 76 878 · 74 878 · 69 878 · 64	876-91 876-76 876-59 876-44 876-33	875 · 56 875 · 56 875 · 56 875 · 56 875 · 56	875.06 875.06 875.06 875.06 875.06	874 · 85 874 · 85 874 · 84 874 · 83 874 · 83	874 · 82 874 · 82 874 · 83 874 · 82 874 · 82	874 · 80 874 · 79 874 · 79 874 · 80 874 · 81	874 · 75 874 · 74 874 · 73 874 · 72 874 · 71
16	873 · 33 873 · 33 873 · 36 873 · 46 873 · 56	877·76 880·2 877·93 880·2 878·06 880·3 878·23 880·3 878·34 880·3	889.06 879.96 879.96	878 · 59 878 · 52 878 · 46 878 · 41 878 · 36	876 · 22 876 · 11 876 · 07 876 · 03 876 · 01	875 · 54 875 · 50 875 · 47 875 · 43 875 · 39	875.06 875.06 875.06 875.06 875.06	874 · 82 874 · 82 874 · 82 874 · 82 874 · 81	874 · 82 874 · 84 874 · 84 874 · 83 874 · 83	874 · 80 874 · 79 874 · 79 874 · 79 874 · 78	874 · 70 874 · 70 874 · 69 874 · 69 874 · 69
21	873 · 58 873 · 63 873 · 71 873 · 76 873 · 81	. 878 · 46 880 · 31 878 · 56 880 · 31 878 · 68 880 · 3 878 · 78 880 · 31 878 · 91 880 · 31	879 · 86 879 · 84 879 · 80	878-31 878-26 878-21 878-13 878-06	875.98 875.96 875.95 875.93 875.91	875 · 34 875 · 31 875 · 28 875 · 26 875 · 24	875 · 04 875 · 01 874 · 99 874 · 96 874 · 95	874 · 80 874 · 80 874 · 79 874 · 79 874 · 79	874 · 82 874 · 82 874 · 81 874 · 80 874 · 82	874 · 79 874 · 79 874 · 78 874 · 79 874 · 79	874 · 68 874 · 67 874 · 66 874 · 65 874 · 65
26	873 · 96 874 · 14 874 · 26 874 · 53 874 · 66	879·06 880·3i 879·09 880·3i 879·21 880·3i 879·26 880·3i 879·36 880·3i 879·49	879·64 879·59 879·54	878-06 878-01 877-94 877-88 877-81 877-74	875·86 875·84 875·79 875·78 875·76	875 · 22 875 · 21 875 · 21 875 · 20 875 · 19 875 · 18	874-94 874-93 874-93 874-93	874 · 78 874 · 78 874 · 78 874 · 78 874 · 78 874 · 77	874 - 81	874-80 874-80 874-80	874 · 64 874 · 64 874 · 65 874 · 65 874 · 64 874 · 63

^{*}Gauge readings taken above dam from Jan. 1st to March 31st, 1915.

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Timiskaming Station, for 1909.

	K III A	10		Kut-							ADLL	NO. 43.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5										575·3 575·3 575·3 575·3 575·3	574·8 574·8 574·6 574·6 574·6	574·4 574·3 574·3 574·4 774·4
6										575 · 2 575 · 2 575 · 1 575 · 1 575 · 1	574 · 7 574 · 7 574 · 7 574 · 7 574 · 7	574 · 3 774 · 4 574 · 3 574 · 3 574 · 4
11										575·0 575·0 575·0 575·0 575·0	574 · 8 574 · 8 574 · 8 574 · 6 574 · 6	574 · 4 574 · 4 574 · 4 574 · 4 574 · 4
16										575.0 574.9 574.9 574.9 574.9	574 · 8 574 · 6 574 · 6 574 · 6 574 · 5	574 · 4 574 · 4 574 · 4 574 · 4 574 · 4
21 22 23 24 25										574 · 9 574 · 9 574 · 9 574 · 9 574 · 9	574 · 5 574 · 5 574 · 5 574 · 5 574 · 5	574 · 4 574 · 4 574 · 4 574 · 4 574 · 4
26											574 · 5 574 · 4 574 · 4	574 · 4 574 · 4 574 · 5 574 · 5 574 · 5 574 · 5

Elevations above M.S.L. of Ottawa River at Timiskaming Station, for 1909–10.

					1000	10.				TABLE	No. 44.
1	574 · 5 574 · 6 574 · 5 574 · 5 574 · 5	579 · 6 579 · 8 579 · 9 580 · 0 580 · 4	589 · 5 589 · 4 589 · 2 588 · 9 588 · 9	584 · 1 583 · 8 583 · 7 583 · 4 583 · 1	580 · 4 580 · 3 580 · 3 580 · 3 580 · 3	579 · 3 579 · 1 579 · 0 579 · 0 579 · 0	578·7 578·7 578·7 578·7 578·7	578 · 9 579 · 0 579 · 0 579 · 1 579 · 1	578 · 3 578 · 3 578 · 2 578 · 2 578 · 2 578 · 2		574 · 9 574 · 8 574 · 8 574 · 8
6	574 · 6 574 · 6 574 · 8 574 · 9 575 · 1	580 · 4 580 · 7 581 · 1 581 · 6 582 · 1	588·5 588·3 588·1 588·0 587·8	583 · 0 582 · 8 582 · 6 582 · 5 582 · 1	580 · 2 580 · 2 580 · 1 580 · 1 580 · 1	579·0 579·0 579·0 579·1 579·1	578 · 6 578 · 6 578 · 6 578 · 6 578 · 6	579·1 579·0 579·1 579·1 578·8	578·2 578·2	575·5	574 · 7 574 · 7 574 · 7 574 · 7
11	575·1 575·1 575·4 575·7 576·0	582·4 582·9 583·4 581·0 584·5	587 · 5 587 · 3 587 · 2 587 · 0 586 · 8	582.0 581.8 581.7 581.5 581.4	580-0 579-9 579-9 579-8 579-8	579 · 2 579 · 1 579 · 0 579 · 0 579 · 1	578·5 578·6 578·6 578·6 578·7	578-9 578-8 578-8 578-9 578-8	577 · 9 578 · 2 577 · 9 578 · 0 578 · 0		574 - 7
16	576·1 576·3 576·5 576·6 576·8	585.0 585.8 586.5 587.1 587.7	586·6 586·4 586·2 586·1 585·9	581·3 581·1 581·1 581·0 580·7	579 · 7 579 · 7 579 · 7 579 · 7 579 · 6	579·0 579·1 579·0 578·9 578·9	578·7 578·8 578·8 578·9 578·9	578 · 8 578 · 7 578 · 7 578 · 7 578 · 6	577-9	575-2	574 · 7 574 · 6 574 · 6 574 · 5
21	577·0 577·4 577·6 578·0 578·4	588·1 588·5 589·0 589·3 589·5	585 · 8 585 · 6 585 · 5 585 · 4 585 · 3	580 · 5 580 · 5 580 · 7 580 · 7 580 · 2	579 · 6 579 · 5 579 · 3 579 · 2 579 · 3	578·7 578·7 578·8 578·8 578·8	579·0 579·0 579·1 579·0 579·0	578-6 578-6 578-5 578-5 578-5	577·8 577·8 577·7 577·7 577·6	575-0	574 · 5 574 · 7 574 · 6 574 · 5 574 · 7
26	578-5 578-9 579-0 579-3 579-4	589·6 589·8 589·8 589·8 589·7 589·7	585·2 584·9 584·8 584·5 584·4	580 · 2 580 · 2 580 · 2 580 · 3 580 · 4 580 · 3	579·4 579·1 579·1 579·2 578·9 578·7	578·5 578·9 578·8 578·6 578·7	579·1 579·1 579·2 579·2 578·9 578·9	578-4 578-4 578-3 578-3 578-2	577 · 6 577 · 6 577 · 6 577 · 4 577 · 4 577 · 3		574 · 9 575 · 1 575 · 4 575 · 6

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Timiskaming Station, for 1910-11.

TABLE No. 45.

									A		ADLE	140, 40,
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	575-9	583 · 5	583 · 0	579·8	577·1	576 · 7	576·7	581·9	580 · 3	577 · 5	577 · 2	580 · 0
	576-2	583 · 7	583 · 2	579·7	577·1	576 · 6	576·7	582·0	580 · 2	577 · 5	577 · 4	580 · 2
	576-5	583 · 8	583 · 3	579·6	577·0	576 · 5	576·8	582·2	580 · 0	577 · 5	577 · 3	580 · 3
	576-7	583 · 8	583 · 3	579·5	576·9	576 · 6	577·0	582·3	579 · 9	577 · 3	577 · 3	580 · 4
	577-0	583 · 7	583 · 1	579·2	577·0	576 · 7	577·3	582·3	579 · 7	577 · 3	577 · 4	580 · 5
6	577·6	583 · 7	583 · 3	579·0	577 · 0	576 · 6	577 · 9	582 · 4	579 · 6	577 · 2	577 · 5	580 · 6
	578·2	583 · 8	583 · 3	579·0	577 · 0	576 · 8	578 · 1	582 · 4	579 · 5	577 · 1	577 · 5	580 · 6
	578·5	583 · 8	583 · 2	578·8	576 · 9	576 · 6	578 · 2	582 · 4	579 · 4	577 · 2	577 · 5	580 · 6
	579·0	583 · 7	583 · 1	578·8	576 · 8	576 · 7	578 · 9	582 · 4	579 · 3	577 · 3	577 · 6	580 · 7
	579·4	583 · 8	583 · 0	578·6	576 · 9	576 · 6	579 · 0	582 · 4	579 · 2	577 · 1	577 · 8	580 · 9
11	579 · 7	583 · 8	582 · 9	578 · 6	576·9	576·5	579·3	582·5	579·1	577·1	577 · 8	580 · 7
12	580 · 0	583 · 7	582 · 8	578 · 5	576·8	576·6	579·6	582·5	579·0	577·0	577 · 9	581 · 0
13	580 · 1	582 · 6	582 · 5	578 · 5	576·7	576·5	579·7	582·5	578·9	576·9	577 · 9	580 · 9
14	580 · 4	583 · 5	582 · 3	578 · 4	576·9	576·5	580·1	582·4	578·8	576·9	578 · 0	580 · 8
15	580 · 7	583 · 5	582 · 3	578 · 3	576·8	576·5	580·1	582·4	578·8	577·0	578 · 1	581 · 2
16	580 · 8	583 · 3	582 · 0	578 · 2	576 · 8	576·4	580 · 3	582 · 4	578 · 6	576 · 9	578 · 2	581·1
	580 · 8	583 · 3	581 · 9	578 · 2	576 · 7	576·4	580 · 4	582 · 3	578 · 5	576 · 9	578 · 4	581·0
	581 · 1	583 · 1	581 · 8	578 · 0	576 · 7	576·6	580 · 4	582 · 2	578 · 4	576 · 9	578 · 5	581·2
	581 · 4	583 · 1	581 · 6	577 · 8	576 · 7	576·4	580 · 5	582 · 0	578 · 4	577 · 0	578 · 7	581·1
	581 · 5	583 · 0	581 · 5	577 · 7	576 · 5	576·3	580 · 9	581 · 7	578 · 4	577 · 0	578 · 9	581·1
21 22 23 24 25	581 · 7 581 · 8 582 · 0	582 · 8 582 · 8 582 · 7 582 · 8	581 · 3 581 · 1 581 · 1 581 · 0 580 · 7	577 · 6 577 · 7 577 · 6 577 · 4 577 · 4	576 · 3 576 · 4 576 · 4 576 · 3 576 · 4	576·4 576·3 576·2 576·3 576·3	580 · 9 581 · 0 581 · 3 584 · 2 581 · 4	$581 \cdot 5$ $581 \cdot 5$ $581 \cdot 2$ $581 \cdot 1$ $581 \cdot 0$	578 · 3 578 · 1 578 · 0 578 · 1 578 · 0	577-0 577-0 576-9 576-9 577-0	579 · 1 579 · 2 579 · 2 579 · 4 579 · 5	581 · 2 581 · 3 581 · 2 581 · 2 581 · 2
26. 27. 28. 29. 30.	582 · 6 582 · 9 583 · 1 583 · 2 583 · 5	582-9 583-0 582-9 582-8 582-9	580 · 4 580 · 4 580 · 3 580 · 1 579 · 9	577 · 4 577 · 4 577 · 3 577 · 1 577 · 2 577 · 1	576 · 4 576 · 4 576 · 4 576 · 6 576 · 5 576 · 6	576·3 576·3 576·4 576·4 576·5	581.5 581.7 581.8 581.9 581.7 581.9	580 · 9 580 · 7 580 · 6 580 · 5 580 · 4	577 · 8 577 · 8 577 · 8 577 · 7 577 · 8 577 · 5		579·7 579·9 579·9	581·2 581·3 581·4 581·3 581·4 581·3

ELEVATIONS above M.S.L. of Ottawa River at Timiskaming Station, for 1911-12.

TABLE No. 46 581 · 2 581 · 2 581 · 1 587·3 588·0 588·3 583 · 7 583 · 5 575-4 576 - 2 580 - 8 579 - 4 576-7 576-6 576-7 576-7 576-6 576·5 576·5 576·4 576·3 576 · 2 576 · 2 576 · 2 576 · 2 576 · 3 579 · 6 579 · 7 579 · 7 579 · 6 579 · 5 580 · 8 580 · 7 580 · 7 579 · 9 579 · 6 579 · 5 579·4 579·4 579·3 579·5 579·5 579·5 581 - 1 588·4 587·2 583 · 2 583 · 0 580 - 7 576 · 4 576 · 3 576 · 2 576 · 2 576 · 1 582 · 7 582 · 6 582 · 4 582 · 2 576 · 7 576 · 7 576 · 6 576 · 7 581.0 586-6 575·3 575·3 575·3 576·3 576·4 580 - 7 579·1 579·1 579·0 579·5 579·5 579·5 581 · 0 580 · 9 586-2 586-0 580 - 6 580 - 9 585 - 8 580 - 5 10..... $580 \cdot 9$ 582 - 1 580 - 5 577 · 9 577 · 9 577 · 7 577 · 5 577 · 3 576 · 8 576 · 9 577 · 0 577 · 0 577 · 1 576 · 0 576 · 2 576 · 1 575 · 9 575 · 8 585-3 575.2 578 · 9 578 · 9 578 · 8 580 · 8 585 · 1 585 · 2 585 · 0 581 · 9 581 · 7 582 · 6 579·8 579·9 $580 \cdot 2$ $580 \cdot 2$ 580 - 1 580 - 9 580 - 2 579-4 577 · 2 577 · 1 577 · 0 577 · 0 576 · 9 575·9 575·8 575·8 575·8 575·8 578 · 9 578 · 9 578 · 9 578 · 9 579 · 0 577 · 2 577 · 1 577 · 2 577 · 3 577 · 0 574 - 9 578 - 2 580 - 4 580 · 2 580 · 1 579-3 581.5 584 - 8 582 - 7 582 · 7 582 · 7 582 · 7 582 · 7 582 · 8 584 - 6 581.6 580 - 6 580 - 1 581 · 9 582 · 1 578 · 5 578 · 8 580·5 580·6 580 - 1 584 - 2 579 · 0 579 · 1 579 · 1 579 · 1 579 · 2 579·1 579·0 579·0 579·0 578·9 576 · 8 576 · 7 576 · 7 576 · 6 574 · 8 574 · 8 574 · 9 575 · 2 582.3 577.0 579 · 0 579 · 0 579 · 1 580 - 7 579-9 576 · 9 577 · 0 576 · 9 576 · 8 582 · 6 583 · 0 584 · 2 584 · 1 582 · 6 582 · 4 582 · 1 580 · 7 580 · 7 580 · 7 579 · 8 579 · 8 583·3 583·7 584 - 2 580 - 7 579.8 578 · 8 578 · 8 578 · 7 578 · 6 584 - 1 584 - 2 579 - 4 580 - 7 576.8 576.8 576.8 576.8 584 · 6 585 · 2 585 · 8 581 · 2 581 · 1 580 · 8 579 · 4 579 · 6 579 · 7 579·7 579·7 579 · 4 579 · 3 579 · 4 584 · I 580-8 584.0 580 - 8 584·0 583·9 583·7 ... 580-8 579.5 . 576 - 1 580 - 8

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Timiskaming Station, for 1912-13.

TABLE No. 47.

				1				1				
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	578 - 2	582 - 5	585-5	582 - 5	580 · 2	578 - 2	580 - 2	583 - 7	584-4	584 - 7	583 · 8	579-
2	578 · 2 578 · 1	582·5 582·7	585 · 5	582 · 4 582 · 2	580·2 580·1	578 · 2 578 · 2	580·2 580·2	583 · 7 583 · 7	584·3 584·3	584 · 7 584 · 9	583 · 7 583 · 6	578 · 9
3	578-0	582-7	585.3	582 - 2	580 - 1	578-2	580.5	583 - 7	584 - 3	584.9	583 - 5	578-
5	577 - 9	582 · 8	585.3	582 · 1	579.8	578-2	580 - 6	583 - 9	584 · 4	584.7	583 - 5	578 -
6	578-0	582.9	585.2	581.9	579 - 7	578-2	580-6	583 - 9	584.3	584.9	583 - 3	578-0
7	578 - 1	582.9	585.2	581.8	579 - 7	578 - 3	581.0	584 · 2	584-4	584 - 9	583.0	577 -
8	578·2 578·2	583·1 583·2	585·1 585·0	581 · 8 581 · 8	579·7 579·6	578 · 2 578 · 1	580·8 580·9	584 · 2 584 · 3	584 · 5 584 · 3	584 · 8 584 · 7	582 · 9 582 · 8	577 -
9 0	578.2	583.2	584.8	581.7	579.5	578-1	581.1	584 - 2	584.3	584-6	582.5	577
1	578 - 2	583 - 3	584 - 7	581.9	579 - 5	578-2	580 - 9	584 - 2	584 - 4	584-6	582 - 4	577-
2	578 - 3	583 - 5	584.8	581.8	579 - 4	578.0	581.0	584 - 4	584 - 4	584 - 6	582.3	577 -
3	578 - 4	583 - 9	584.5	581.5	579 - 4	577 - 9	581 - 1	584 · 5	584 - 3	584 - 5	582 · 1	577 -
5	578 · 3 578 · 4	584 · 1 584 · 4	584 · 3 584 · 1	581·6 581·5	579·3 579·3	577 · 9	581·1 581·2	584 · 5	584·3 584·2	584 · 5	582·0 581·9	576 · 5
6	578 · 6 578 · 8	584·7 584·8	584 · 0 583 · 9	581 · 6 581 · 5	579·1 579·0	577 · 9	581·3 581·4	584 · 5	584 · 4 584 · 2	584 · 5 584 · 3	581 · 8 581 · 7	576 ·
8	579.0	585.0	584.0	581.5	578.9	577.8	581-4	584.5	584 - 2	584.5	581.4	576
9	579.2	585 - 2	583 - 8	581.5	578 - 9	578-0	581-4	584-5	584.3	584.4	581.3	576 -
0	579.2	585.2	583.9	581.2	578.7	578 - 1	581.5	584-4	584.2	584 · 5	581.2	576-
1	579-3	585-4	583 - 8	581-2	578-6	578-2	581.5	584 - 4	584 · 1	584.5	581.1	576 -:
2	579.7	585.5	583 - 5	581-1	578 - 4	578.4	581 - 6	584 - 4	584 - 2	584 - 5	581.0	576 -
3 4	579 · 8 580 · 0	585·5 585·4	583 · 3 583 · 2	581 · 0 581 · 0	578 · 4 578 · 4	578 · 5 578 · 7	581·8 582·0	584 · 4 584 · 4	584 · 3 584 · 3	584·3 584·3	580 · 7 580 · 5	576 ·
5	580.3	585-4	583 - 1	580.9	578-4	578.9	582.3	584 - 6	584.3	584.2	580-1	576
6	580-5	585-2	583 - 0	581.0	578-5	579-1	582 - 5	584 - 5	584 - 5	584-2	579.8	576
7	580.8	585.2	582.9	580 - 8	578 - 5	579.5	582 · 8	584 - 5	584 - 6	584 - 1	579.7	576 -
8	581.7	585-3	582.8	580 - 7	578-4	579 - 7	583.0	584-4	584 - 5	584-1	579.3	575
9	581 · 9 582 · 2	585-6 585-6	582·8 582·7	580 · 7 580 · 6	578 · 5	579·8 579·8	583 · 0 583 · 3	584 · 4 584 · 4	584 · 7 584 · 7	583·9 583·9		575 ·
1		585-6	082-7	580 - 6	578-3	5/9.8	583 - 5	384.4	584 - 6	583 - 9		575

Note.—Observations were taken at head of Island from 28th April, 1912, to 16th April, 1913.

ELEVATIONS above M.S.L. of Ottawa River at Timiskaming Station, for 1913-14.

					1010	1					TABLE	No. 48.
1	576 · 0 576 · 0 576 · 0 575 · 9 575 · 9	587 · 7 587 · 8 587 · 7 587 · 5 587 · 4	586·3 586·3 586·4 586·5 586·5	586-1 586-1 586-0 586-0 586-0	584 · 9 584 · 8 584 · 9 584 · 7 584 · 6	582 · 5 582 · 5 582 · 6 582 · 6 582 · 5	580·9 581·0 580·8 580·7 580·6	583 · 0 583 · 2 583 · 1 583 · 4 583 · 5	586-6 586-5 586-5 586-5 586-5	584 · 3 584 · 2 584 · 2 584 · 0 583 · 9	581·4 581·3 581·4 581·3 551·2	578 · 9 578 · 8 578 · 6 578 · 6 578 · 6
6	576·0 576·0 576·0 576·1 576·2	587 · 3 587 · 3 587 · 2 587 · 3 587 · 1	586·4 586·7 586·7 586·7 586·6	586-0 585-9 585-7 585-6 585-8	584·6 584·5 584·3 584·3 584·5	$582 \cdot 4$ $582 \cdot 3$ $582 \cdot 4$ $582 \cdot 3$ $582 \cdot 2$	580·5 580·5 580·6 580·7 580·5	583 · 5 583 · 6 583 · 7 584 · 4 584 · 5	586-4 586-4 586-5 586-5 586-3	583 · 7 583 · 5 583 · 3 583 · 3 583 · 2	581 · 2 581 · 0 580 · 9 580 · 8 580 · 7	578 · 6 578 · 7 578 · 6 578 · 4 578 · 3
11	576·5 576·7 577·1 577·4 577·7	587·0 586·8 586·7 586·6 586·4	586-6 586-6 586-5 586-3	585 · 6 585 · 5 585 · 5 585 · 6 585 · 6	584 · 2 584 · 1 584 · 0 583 · 8 583 · 7	$582 \cdot 1$ $582 \cdot 2$ $582 \cdot 1$ $581 \cdot 9$ $581 \cdot 7$	580·5 580·5 580·6 580·5 580·5	584·7 584·8 585·0 585·1	586-1 585-9 585-7 585-9 585-7	$583 \cdot 0$ $582 \cdot 8$ $582 \cdot 8$ $582 \cdot 6$ $582 \cdot 7$	580 · 6 580 · 4 580 · 2 580 · 1 580 · 1	578 · 2 578 · 1 578 · 0 577 · 9 577 · 8
16. 17. 18. 19. 20.	578 · 2 579 · 5 580 · 1 580 · 8 581 · 2	586-3 586-3 586-3 586-3	586·2 586·1 585·9 585·8 585·9	585.5 585.5 585.5 585.6 585.6	583 · 7 583 · 6 583 · 6 583 · 4 583 · 1	581.7 581.8 581.7 581.5 581.4	580-6 580-6 580-8 580-7 581-0	585-2 585-5 585-6 585-8 585-9	$585 \cdot 6$ $585 \cdot 5$ $585 \cdot 4$ $585 \cdot 2$ $585 \cdot 3$	$582 \cdot 6$ $582 \cdot 4$ $582 \cdot 3$ $582 \cdot 3$ $582 \cdot 2$	580 · 0 579 · 9 579 · 8 579 · 6 579 • 4	577 · 7 577 · 6 577 · 6 577 · 5 577 · 3
21	581-6 582-1 582-9 583-5 584-9	586·2 586·3 586·3 586·5 586·5	586·0 585·9 585·9 586·0 586·0	585·4 585·2 585·2 585·3 585·2	583 · 0 583 · 0 583 · 2 583 · 2 582 · 9	581·3 581·3 581·3 581·2 581·0	581 · 1 581 · 0 581 · 0 581 · 2 581 · 7	585·8 586·0 586·0 585·8 585·8	$585 \cdot 2$ $585 \cdot 0$ $585 \cdot 0$ $585 \cdot 0$ $585 \cdot 0$	$582 \cdot 1$ $582 \cdot 0$ $581 \cdot 9$ $581 \cdot 7$ $581 \cdot 5$	579 · 3 579 · 2 579 · 1 579 · 0 578 · 9	577 · 2 577 · 2 577 · 1 577 · 0 576 · 9
26	586·1 587·0 587·6 587·8 587·8	586 · 4 586 · 5 586 · 5 586 · 5 586 · 5 586 · 4	586·1 586·3 586·3 586·2 586·2	585·0 584·9 585·1 585·0 584·9 584·8	582-8 582-9 582-7 582-6 582-8 582-7	581 · 1 581 · 1 580 · 9 581 · 0 580 · 9	581 · 9 582 · 1 582 · 4 582 · 6 582 · 8 582 · 8	586·2 586·1 586·1 586·1 586·1	584.7 584.4 584.4 584.3 584.3 584.3	581.5 581.4 581.4 581.4 581.4 581.4	578.9 578.9 578.9	576 · 9 576 · 8 576 · 8 576 · 7 576 · 7 576 · 6

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Timiskaming Station, for 1914-15.

TABLE No. 49.

770 - 6

769-8

										-		
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	576·61 576·73 576·55 576·55 576·51	579 · 09 579 · 28 579 · 44 579 · 77 579 · 82	585 · 13 585 · 10 585 · 17 585 · 35 585 · 35	581 · 64 581 · 54 581 · 32 581 · 17 581 · 07	578·14 578·13 578·03 577·83 577·70	576·31 576·34 576·34 576·45 576·35	575 · 83 575 · 75 575 · 70 575 · 65 575 · 70	575 · 53 575 · 83 575 · 63 575 · 60 575 · 68	576 · 25 576 · 30 576 · 43 576 · 48 576 · 45	576 · 86 577 · 01 576 · 91 576 · 94 576 · 89	576·76 576·81 576·81 576·66 576·61	576 · 41 576 · 46 576 · 41 576 · 41 576 · 46
6	576 · 46 576 · 39 576 · 36 576 · 31 576 · 29	$580 \cdot 43$ $580 \cdot 70$ $581 \cdot 02$ $581 \cdot 24$ $581 \cdot 33$	$585 \cdot 20$ $585 \cdot 09$ $585 \cdot 29$ $585 \cdot 18$ $585 \cdot 43$	580 · 98 580 · 77 580 · 83 580 · 71 580 · 55	577 · 60 577 · 63 577 · 62 577 · 39 577 · 29	576·38 576·62 576·60 576·50 576·50	575 · 68 575 · 65 575 · 60 575 · 60 575 · 68	575·70 575·50 575·68 575·73 575·70	576 · 43 576 · 58 576 · 78 576 · 70 576 · 73	576 · 86 576 · 84 576 · 94 577 · 16 576 · 99	576 · 71 576 · 66 576 · 61 576 · 51 576 · 51	$576 \cdot 46$ $576 \cdot 46$ $576 \cdot 41$ $576 \cdot 41$ $576 \cdot 46$
11	576·38 576·45 576·29 576·38 576·25	581 · 67 581 · 68 581 · 68 581 · 83 581 · 93	$585 \cdot 45$ $585 \cdot 55$ $585 \cdot 62$ $585 \cdot 44$ $585 \cdot 10$	580 · 40 580 · 29 580 · 15 579 · 97 579 · 84	577·39 577·23 577·08 577·29 577·23	$576 \cdot 50$ $576 \cdot 50$ $576 \cdot 50$ $576 \cdot 46$ $576 \cdot 40$	575 · 50 575 · 68 575 · 68 575 · 62 575 · 52	575 · 73 575 · 75 575 · 83 575 · 85 575 · 85	576 · 63 576 · 65 576 · 60 576 · 70 576 · 67	576 · 94 577 · 01 577 · 01 576 · 96 577 · 04	576·51 576·51 576·51 576·41 576·36	576 · 41 576 · 41 576 · 41 576 · 36 576 · 36
16	576 · 25 576 · 30 576 · 35 576 · 72 576 · 80	582 · 26 582 · 60 582 · 73 582 · 88 583 · 03	584·70 584·38 584·18 584·10 583·78	579 · 74 579 · 60 579 · 75 579 · 45 579 · 25	577 · 13 577 · 05 577 · 00 576 · 94 576 · 83	576 · 50 576 · 52 576 · 52 576 · 47 576 · 18	575 · 68 575 · 60 575 · 68 575 · 60 575 · 60	575 · 85 575 · 90 575 · 85 575 · 80 576 · 00	576·70 576·61 576·58 576·51 576·76	577 · 01 577 · 01 577 · 04 577 · 06 577 · 06	576 · 36 576 · 46 576 · 46 576 · 46 576 · 41	576·41 576·41 576·41 576·36 576·46
21	576 · 82 576 · 94 576 · 98 577 · 10 577 · 20	583 · 13 583 · 38 583 · 60 583 · 73 583 · 91	583 · 50 583 · 28 583 · 11 582 · 93 582 · 65	579 · 00 578 · 99 578 · 97 578 · 75 578 · 85	576 · 85 576 · 70 576 · 73 578 · 79 576 · 72	576 · 25 576 · 16 576 · 24 576 · 14 576 · 14	575 · 60 575 · 78 575 · 60 575 · 70 575 · 63	575.98 576.00 576.00 575.95 576.00	576 · 76 576 · 86 576 · 86 576 · 86 576 · 86	577 · 06 577 · 01 577 · 06 577 · 01 576 · 99	576·36 576·41 576·36 576·36 576·51	576·36 576·36 576·36 576·31 576·39
26 27 28 29 30 31	577 · 53 577 · 90 578 · 33 578 · 71 578 · 95	584 · 20 584 · 34 584 · 48 584 · 65 584 · 85 584 · 94	582·53 582·37 582·24 582·14 581·91	578 · 68 578 · 57 578 · 55 578 · 57 578 · 71 578 · 80	576 · 61 576 · 58 576 · 52 576 · 39	576·26 576·08 575·90 575·76 575·90	575·70 575·63 575·63 575·60 575·60 575·60	576 · 25 576 · 25 576 · 05 576 · 10 576 · 20	576 · 86 576 · 76 576 · 81 576 · 84 576 · 86 576 · 86	576.91 576.91 576.96 576.91 576.86	576·41 576·46 576·41	576·36 576·26 576·31 576·26 576·31 576·31

Elevations above M.S.L. of Gordon Creek at Lumsden's Mills, for 1910-11.

TABLE No. 50. $772 \cdot 0$ $771 \cdot 1$ $771 \cdot 0$ $771 \cdot 2$ $771 \cdot 6$ 772 · 1 772 · 2 772 · 0 771 · 8 772 · 0 771 · 5 771 · 6 771 · 6 771 · 5 771 · 4 771 · 0 770 · 7 770 · 6 770 · 7 771 · 5 771 · 5 771 · 4 771 · 4 771 · 4 771 · 5 770 - 5 771-0 770-6 770-7 770-7 770.8 770 · 8 770 · 8 770 · 5 770.3 2 771.9 770 · 6 770 - 4 770 - 4 770 - 3 770.3 770 - 4 771.0 770 - 4 770 - 6 770 - 2 769.0 772 · 0 771 · 9 771 · 5 771 · 1 771 · 0 771 · 2 771 · 7 771 · 9 771 · 4 771 · 4 771 · 4 771 · 5 769-9 771-4 770 - 4 770 · 5 770 · 5 770 · 4 770 · 7 770 · 7 771 · 0 770 · 2 770 · 2 770 · 7 771 · 0 770 · 7 770 · 6 770 · 3 770 · 4 770 · 4 770 -1 770.7 10.... 771.5 770 - 6 770.5 770.3 770.6 770.6 772 · 0 771 · 0 771 · 9 771 · 9 772 · 0 771 · 4 771 · 6 771 · 4 771 · 3 771 · 5 771 · 8 771 · 9 771 · 8 771 · 7 770 · 7 770 · 6 771-8 770 - 6 771.0 770.4 770·5 770·5 771-5 771-4 771-8 770 · 0 770 · 0 770 · 0 770 · 6 770 · 6 770 · 6 14..... 771.4 15..... 771.9 770.8 772 · 0 772 · 0 772 · 1 772 · 1 772 · 2 771 · 9 771 · 0 771 · 2 770 · 7 771 · 0 770 · 7 771 · 3 771 · 8 771 · 0 771 · 6 771 · 8 $771 \cdot 7$ $771 \cdot 8$ $771 \cdot 0$ $771 \cdot 0$ $771 \cdot 0$ $772 \cdot 0$ 771 · 8 771 · 8 771 · 7 771 · 7 771 · 8 771 · 7 $771 \cdot 0$ $771 \cdot 2$ $771 \cdot 3$ $770 \cdot 3$ $770 \cdot 2$ $770 \cdot 2$ 770 · 3 770 · 3 770 · 3 770 · 9 770 · 9 770 · 9 770·5 770·6 769.9 769.9 771·4 771·1 770 · 2 770 · 2 770 · 8 $770 \cdot 1$ $770 \cdot 2$ 771-5 772 · 0 771 · 6 772 · 0 771 · 9 771 · 5 772 · 0 771 · 9 771 · 8 771 · 7 769.9 770 - 5 770 - 6 771.8 770.2 770.7 770 - 6 771 · 2 771 · 1 771 · 0 770 · 7 770 · 6 770 · 7 770 · 6 770 · 7 770 · 5 771.9 771.7 771.8 771.8 770 · 3 770 · 3 770 · 4 770 · 4 22.... 770 · 6 770 · 6 770 · 7 770 · 5 770 · 5 769 · 9 769 · 8 771 · 6 771 · 7 771 · 2 769 - 8 769.8 771.6 771.7 771.5 771.6 771.5 771.6 770 - 6 770 - 7 770 - 9 770.3 770 - 7 770-4 769-8 770-9 771-8 771-0 771-8 771-0 771-6 771-1 771-5 771-5 771-6 771-3 771.0 770.7 770.9 770.7 771.0 770 · 3 770 · 3 770 · 4 770 · 5 770 · 5 769 · 8 769 · 8 769 · 8 771.8 30....

6 GEORGE V, A. 1916

Elevations above M.S.L. of Gordon Creek at Lumsden's Mills, for 1911-12.

TABLE No.

			-		-							
Day.	April,	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	769-7 769-7 769-7 769-7 769-7	770 · 4 770 · 5 770 · 1 770 · 1 770 · 0	771 · 1 770 · 9 770 · 8 770 · 8 770 · 8	770-8 770-7 770-8 770-7 770-8	770 · 8 770 · 7 770 · 8 770 · 7 770 · 8	770 · 7 770 · 8 770 · 7 770 · 7 770 · 7	770 · 6 770 · 7 770 · 8 770 · 8 770 · 8	770 · 9 770 · 6 770 · 8 770 · 8 770 · 8	770-6 770-6 770-5 770-6 770-4	770 · 7 770 · 7 770 · 8 771 · 0 771 · 0	770 · 1 770 · 0 770 · 0 770 · 2 770 · 0	769·7 769·7 769·7 769·7 769·7
6 7 8 9	769 · 9 769 · 8 769 · 8 769 · 8 769 · 8	770 · 1 770 · 2 770 · 1 770 · 1 769 · 9	770 · 8 770 · 9 770 · 8 770 · 8 770 · 9	770 · 8 770 · 9 771 · 1 770 · 8 770 · 9	770 · 3 770 · 7 770 · 7 770 · 8 770 · 8	770 · 7 770 · 8 770 · 8 770 · 8 770 · 6	770 · 9 770 · 9 770 · 6 770 · 8 770 · 7	771 · 0 771 · 1 771 · 1 771 · 0 771 · 0	770 · 5 770 · 4 770 · 6 770 · 7 770 · 7	771 · 1 771 · 1 771 · 1 771 · 1 771 · 1 771 · 1	769 · 9 769 · 8 769 · 9 769 · 9 769 · 8	769·8 769·7 769·7 769·7 769·7
11 12 13 14 15	769 · 8 769 · 8 769 · 8 769 · 8 769 · 9	769 · 9 769 · 7 769 · 7 770 · 0 769 · 7	771 · 0 771 · 3 771 · 3 771 · 4 771 · 0	771 · 0 771 · 1 771 · 2 770 · 8 770 · 8	770 · 7 770 · 5 770 · 4 770 · 3 770 · 8	770 · 7 770 · 8 770 · 8 770 · 8 770 · 8	770 · 7 770 · 8 770 · 8 770 · 7 770 · 3	771 · 1 770 · 9 770 · 9 771 · 0 771 · 1	770 · 7 770 · 8 770 · 8 770 · 7 770 · 8	771 · 1 771 · 3 771 · 3 771 · 2 771 · 3	769 · 8 · 769 · 9 770 · 0 769 · 9 769 · 9	769 · 7 769 · 7 769 · 7 769 · 7 769 · 6
16. 17. 18. 19. 20.	770 · 0 770 · 1 770 · 1 770 · 1 770 · 3	770 · 1 770 · 7 770 · 8 770 · 9 771 · 1	770 · 9 770 · 9 770 · 8 770 · 9 771 · 0	770 · 8 770 · 8 770 · 8 770 · 8 771 · 0	770 · 7 770 · 8 770 · 8 770 · 8 770 · 7	770 · 8 770 · 4 770 · 8 770 · 8 770 · 8	770 · 7 770 · 7 770 · 8 770 · 7 771 · 0	770 · 9 770 · 5 770 · 4 770 · 5 770 · 6	770 · 7 770 · 8 770 · 7 770 · 8 770 · 8	771·1 771·3 771·3 771·1 771·5	769·8 769·9 769·8 769·8	769 · 6 769 · 7 769 · 6 769 · 5 769 · 5
21 22 23 24 25	770-3 770-5 770-3 770-3 770-3	771.0 771.3 771.5 770.9 771.0	771 · 2 770 · 8 770 · 8 770 · 9 770 · 8	770 · 8 770 · 8 770 · 7 770 · 8 770 · 8	770 · 8 770 · 8 770 · 8 770 · 8 770 · 8	770 · 8 770 · 7 770 · 8 770 · 7	770 · 8 770 · 8 770 · 7 770 · 8 770 · 8	770 · 6 770 · 5 770 · 4 770 · 5 770 · 5	770-7 770-8 770-7	771 · 3 771 · 2 771 · 2 770 · 8 770 · 7	769 · 9 769 · 9 769 · 8 769 · 8 769 · 8	769·4 769·4 769·4 769·4 769·4
26	770-4 770-3 770-3 770-3 770-4	771 · 2 770 · 8 771 · 4 771 · 3 771 · 1 770 · 8	770 · 8 770 · 8 770 · 8 770 · 8 770 · 8	770 · 7 770 · 8 770 · 7 770 · 8 770 · 4 770 · 7	770 · 8 770 · 7 770 · 8 770 · 8 770 · 8 770 · 8	770·8 770·8	770 · 9 770 · 8 771 · 0 770 · 8 771 · 0 771 · 0	770 · 4 770 · 5 770 · 6 770 · 6 770 · 7	770-7 770-8 770-8 770-8 770-8	770 · 5 770 · 4 770 · 4 770 · 3 770 · 3 770 · 1	769-9 769-8 769-8 769-7	769·3 769·3 769·3 769·3 769·3

Elevations above M.S.L. of Gordon Creek at Lumsden's Mills, for 1912-13.

TABLE No. 52.

											*********	2101 001
1	769·3 769·3 769·3 769·2 769·3	770 · 1 770 · 3 770 · 0 770 · 0 770 · 1	771 · 3 771 · 2 771 · 3 771 · 4 771 · 2	771 · 1 771 · 2 771 · 1 771 · 3 771 · 4	771 · 3 771 · 1 771 · 0 770 · 3 770 · 5	770 · 8 771 · 0 770 · 8 770 · 9 770 · 8	770 · 8 770 · 7 770 · 7 770 · 3 770 · 3	770 · 3 770 · 7 770 · 4 770 · 8 770 · 7		770 · 4 770 · 4 770 · 5 770 · 4 770 · 5	769 · 9 770 · 0 769 · 9 769 · 9 769 · 9	769·8 769·8 769·8 769·8 769·8
6	769 · 2 769 · 1 769 · 3 768 · 6 769 · 5	$\begin{array}{c} 770 \cdot 1 \\ 770 \cdot 0 \end{array}$	771·3 771·2 771·3 771·3 771·3	771-2 770-8 771-3 771-1 771-3	770 · 6 771 · 0 771 · 1 770 · 8 771 · 2	770 · 9 771 · 0 770 · 8 770 · 8 770 · 7	770 · 4 770 · 4 770 · 4 770 · 8 770 · 7			770 · 4 770 · 6 770 · 5 770 · 4 770 · 3	770 · 3 770 · 2 770 · 3 770 · 1 770 · 2	769 · 8 769 · 7 769 · 7 769 · 7 769 · 6
11	769 · 5 769 · 5 769 · 6 769 · 6 769 · 6	770 · 3 770 · 6 770 · 7 771 · 2 770 · 8	771 · 2 771 · 2 771 · 2 771 · 2 771 · 3	771 · 2 771 · 3 771 · 1 771 · 0 771 · 2	770 · 4 771 · 2 771 · 3 770 · 8 770 · 8	770 · 8 770 · 8 770 · 7 770 · 7 770 · 5	770 · 7 770 · 8 770 · 3 770 · 8 770 · 8	770 · 8 770 · 3		770 · 8 770 · 7 770 · 4 770 · 5 770 · 3	769 · 9 770 · 0 770 · 0 770 · 1 770 · 1	769-6 769-6 769-6 769-6 769-6
16	769 · 7 769 · 7 769 · 6 769 · 6 769 · 6	770 · 7 770 · 9 771 · 1 771 · 1 771 · 1	771·3 771·3 771·3 771·2 771·3	771 · 2 771 · 3 771 · 2 771 · 1 771 · 1	7:0 9 770·8 770·6 770·8 770·7	770 · 8 770 · 8 770 · 7 770 · 8 770 · 7	770 · 7 770 · 8 770 · 8 770 · 7 770 · 4	770·3 770·3 770·4 770·4 770·5	769 · 8 770 · 6 770 · 4 770 · 3 770 · 3	770 · 3 770 · 4 770 · 3 770 · 0 769 · 9	770 · 1 770 · 0 770 · 0 769 · 9 770 · 0	769 · 6 769 · 6 769 · 6 769 · 6 769 · 6
21. 22. 23. 24. 25.	769-7 769-7 769-8 769-8 769-9	771 · 2 771 · 1 771 · 1 771 · 2 771 · 3	771 · 2 771 · 4 770 · 8 771 · 1 771 · 2	770 · 9 771 · 1 771 · 2 771 · 1 771 · 4	770 · 7 770 · 9 770 · 8 770 · 8 770 · 7	770 · 8 770 · 5 770 · 6 770 · 7 770 · 4	770 · 7 770 · 7 770 · 7 770 · 8 770 · 8	770 · 4 770 · 3 770 · 1	770 · 4 769 · 9 769 · 8 769 · 9 769 · 9	770 · 3 769 · 9 770 · 0 769 · 9 770 · 0	770 · 0 770 · 0 769 · 9 770 · 0 770 · 0	769 · 6 769 · 5 769 · 6 769 · 7 769 · 7
26	769 · 9 769 · 9 770 · 0 770 · 0 770 · 1	771 · 2 771 · 1 771 · 4 771 · 1 771 · 3 771 · 2	771·3 771·3 771·0 771·2 770·8	771·3 771·2 770·8 771·1 771·3 771·1	770 · 9 770 · 8 771 · 0 771 · 0 770 · 9 770 · 9	770 · 7 770 · 7 770 · 7 770 · 7 770 · 4 770 · 7	770 · 8 770 · 4 770 · 7 770 · 7 770 · 8 770 · 9		770 · 3 770 · 0 770 · 3 770 · 4 770 · 5 770 · 4	769 · 9 769 · 9 770 · 0 770 · 1 770 · 0 770 · 0	769 · 9 769 · 9 769 · 9	769 · 7 769 · 6 769 · 6 769 · 6 769 · 6 769 · 7

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Gordon Creek at Lumsden's Mills, for 1913-14.

TABLE No. 53.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oet.	Nov.	Dec.	Jan.	Feb.	Marc.
1 2 3 4 5	769·8 769·8 769·8 769·9 769·8	770 · 0 769 · 7 769 · 8 769 · 9 769 · 9	771.3 771.3 771.6 771.3 771.6	771 · 4 771 · 7 771 · 6 771 · 7 771 · 8	771 · 3 771 · 4 771 · 3 771 · 3 771 · 3	770-8 770-6 770-6 770-8 770-7	770-6 770-6 770-6 770-7 770-3				770 · 7 770 · 7 770 · 6 770 · 6 770 · 6	770 · 5 770 · 4 770 · 4 770 · 4 770 · 4
6	769 · 9 769 · 8 769 · 8 769 · 7 769 · 7	770 · 0 769 · 6 770 · 5 770 · 8 771 · 2	771.5 771.5 771.8 771.7 771.7	771.7 771.7 771.6 771.7 771.7	771.3 771.3 771.4 771.4 771.1	770 · 6 770 · 5 770 · 5 770 · 6 770 · 5	770·5 770·3 770·3 770·3 770·3				770 · 7 770 · 6 770 · 6 770 · 7 770 · 6	770-3 770-4 770-4 770-4 770-4
11 12 13 14 15	769 · 7 769 · 7 769 · 8 769 · 8 769 · 8	770 · 7 771 · 0 771 · 1 771 · 2 771 · 1	771 · 8 771 · 8 771 · 8 771 · 8 771 · 8	771 · 6 771 · 6 771 · 6 771 · 6 771 · 6	771 · 2 771 · 4 771 · 3 771 · 3 771 · 2	770 · 5 770 · 6 770 · 6 770 · 7 770 · 7				771 · 3 771 · 2 770 · 9 770 · 9 770 · 9	770 · 8 770 · 9 770 · 8 770 · 7 770 · 8	770 · 4 770 · 4 770 · 4 770 · 4 770 · 4 770 · 4
16 17 18 19 20	769·8 769·8 769·9 769·9 769·8	771 · 0 771 · 0 770 · 9 771 · 2 770 · 8	771 · 8 771 · 7 771 · 8 771 · 6 771 · 8	771 · 6 771 · 7 771 · 6 771 · 4 771 · 7	771 · 0 770 · 8 770 · 9 770 · 8 770 · 9	770 · 7 770 · 6 770 · 5 770 · 6 770 · 5				770 · 8 770 · 9 770 · 9 770 · 8 770 · 7	770 · 7 770 · 6 770 · 6 770 · 5 770 · 5	770-4 770-4 770-4 770-3 770-3
21 22 23 24 25	769 · 9 769 · 8 769 · 7 769 · 8 769 · 9	771 · 1 771 · 2 771 · 3 771 · 2 771 · 2	771.6 770.8 771.7 771.6 771.6	771 · 7 771 · 6 771 · 6 771 · 7 771 · 4	770 · 9 771 · 0 770 · 9 770 · 6 770 · 8	770 · 3 770 · 6 770 · 6 770 · 7 770 · 6				770 · 6 770 · 7 770 · 7 770 · 8 770 · 6	770 · 8 770 · 7 770 · 6 770 · 5 770 · 5	770-3 770-3 770-3 770-3 770-3
26. 27. 28. 29. 30.	769 · 9 769 · 9 770 · 0 770 · 0 770 · 0	771-2 771-1 771-2 771-2 771-3 771-3	771-6 771-3 771-6 771-3 771-3	771 · 4 771 · 3 771 · 4 771 · 7 771 · 6 771 · 4	770 · 8 770 · 9 770 · 9 770 · 8 770 · 7 770 · 5	770-6 770-6 770-3 770-7 770-6					770 - 5 770 - 5 770 - 5	770 · 2 770 · 2 770 · 2 770 · 2 770 · 2 770 · 2 770 · 2

ELEVATIONS above M.S.L. of Gordon Creek at Lumsden's Mills, for 1914-15.

										5	TABLE	No. 54.
1	770 · 24 770 · 24 769 · 94 769 · 84 770 · 24	770 · 54 770 · 24 770 · 44 770 · 64 770 · 44	771 · 14 771 · 04 771 · 34 771 · 44 771 · 04	771 · 54 771 · 94 771 · 74 771 · 84 771 · 74	771 · 74 771 · 14 771 · 14 771 · 64 771 · 64	771 · 34 771 · 44 771 · 44 771 · 34 771 · 34	771 · 14 771 · 14 770 · 74 770 · 64 770 · 74	770 · 64 770 · 64 770 · 64 770 · 64 770 · 64	770 · 64 770 · 54 770 · 54 770 · 54 770 · 54	770·54 770·54 770·54 770·54 770·54	770 · 54 770 · 54 770 · 54 770 · 64 770 · 54	770·54 770·54 770·54 770·54 770·54
6	769 · 74 769 · 74 769 · 74 769 · 64 769 · 74	770 · 24 770 · 24 770 · 34 770 · 34 770 · 34	771 · 84 770 · 64 771 · 84 771 · 34 771 · 34	771 · 74 771 · 84 771 · 94 771 · 84 771 · 84	771 · 74 771 · 74 771 · 74 771 · 54 771 · 54	771 · 14 771 · 44 771 · 34 771 · 14 771 · 14	770 · 64 770 · 64 770 · 74 770 · 64 770 · 74	770 · 64 770 · 74 770 · 64 770 · 74 770 · 64	770 · 54 770 · 54 770 · 44 770 · 54 770 · 54	770 · 54 770 · 54 770 · 54 770 · 54 770 · 54 770 · 54	770·54 770·54 770·54 770·54 770·54	770 · 54 770 · 54 770 · 54 770 · 54 770 · 54
11	769 · 84 769 · 94 769 · 94 769 · 54 769 · 54	770 · 44 770 · 44 770 · 44 770 · 34 770 · 44	771 · 74 771 · 34 771 · 54 771 · 74 771 · 84	771 · 94 771 · 64 771 · 84 771 · 74 771 · 74	771 · 64 771 · 64 771 · 64 771 · 54 771 · 54	771 · 14 771 · 14 770 · 94 771 · 14 771 · 14	770 · 64 770 · 74 770 · 74 770 · 64 770 · 74	770 · 54 770 · 64 770 · 64 770 · 64 770 · 54	770 · 54 770 · 54 770 · 54 770 · 54 770 · 54 770 · 54	770 · 54 770 · 54 770 · 54 770 · 54 770 · 54 770 · 54	770 · 54 770 · 54 770 · 54 770 · 54 770 · 54 770 · 54	770 · 54 770 · 54 770 · 54 770 · 54 770 · 44
16	769-64 769-64 770-44 770-24 770-44	770 · 74 770 · 64 770 · 84 770 · 84 770 · 94	771 · 84 771 · 74 771 · 64 771 · 64 771 · 74	771 · 74 771 · 64 771 · 64 771 · 84 771 · 74	771 · 54 771 · 64 771 · 74 771 · 74 771 · 74 771 · 74	771 · 14 771 · 14 771 · 04 771 · 14 770 · 94	770 · 64 770 · 74 770 · 74 770 · 64 770 · 64	770 · 54 770 · 64 770 · 64 770 · 64 770 · 54	770 · 54 770 · 54 770 · 54 770 · 54 770 · 44	770 · 54 770 · 54 770 · 54 770 · 54 770 · 54	770 · 54 770 · 54 770 · 54 770 · 54 770 · 54	770 · 54 770 · 54 770 · 54 770 · 54 770 · 54
21	770 · 44 770 · 34 770 · 54 770 · 44 770 · 64	770 - 94 771 - 04 771 - 04 771 - 14 771 - 04	771 · 84 771 · 64 771 · 74 771 · 84 771 · 14	771 · 74 771 · 74 771 · 74 771 · 84 771 · 84	771 · 84 771 · 64 771 · 34 771 · 64 771 · 64	771 · 14 771 · 04 771 · 14 771 · 14 771 · 14	770 · 64 770 · 74 770 · 74 770 · 74 770 · 64	770 · 54 770 · 54 770 · 64 770 · 64 770 · 64	770 · 44 770 · 54 770 · 44 770 · 44	770 · 54 770 · 54 770 · 54 770 · 54 770 · 54	770 · 54 770 · 54 770 · 54 770 · 54 770 · 54	770 · 54 770 · 54 770 · 54 770 · 54 770 · 54
26	770 · 64 770 · 74 770 · 54 770 · 34 770 · 34	770 · 94 770 · 84 770 · 84 771 · 74 770 · 64 771 · 64	771 · 84 771 · 94 771 · 94 771 · 84 771 · 74	771 · 14 771 · 74 771 · 74 771 · 64 771 · 64 771 · 74	771 · 64 771 · 54 771 · 54 771 · 54 771 · 34 771 · 34	771 · 14 770 · 84 771 · 14 771 · 14 771 · 14	770 · 64 770 · 64 770 · 64 770 · 64 770 · 64 770 · 64	770 · 54 770 · 54 770 · 54 770 · 54 770 · 64	770 · 44 770 · 54 770 · 54 770 · 54 770 · 54 770 · 54 770 · 54	770·54 770·54 770·54 770·54 770·54 770·54	770 · 54 770 · 54 770 · 54	770 · 44 770 · 44 770 · 54 770 · 54 770 · 54 770 · 54

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Timiskaming, below Dam, for 1911-12.

TABLE No. 55.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	567 · 57	572 · 92	576·17	574 · 06	569 · 64	568·97	568·37	568-97	570 · 22	570 · 40	569 · 12	569 · 12
	567 · 57	573 · 47	576·07	573 · 66	569 · 59	569·02	568·27	568-97	570 · 27	570 · 37	569 · 05	569 · 15
	567 · 52	573 · 92	576·02	573 · 16	569 · 64	568·97	568·22	568-92	570 · 22	570 · 35	569 · 01	569 · 17
	567 · 52	578 · 67	575·82	572 · 86	569 · 74	568·92	568·12	568-97	570 · 12	570 · 17	568 · 97	569 · 17
	567 · 52	578 · 37	575·72	572 · 56	569 · 74	568·92	568·52	568-92	570 · 12	570 · 17	568 · 92	569 · 17
6	567 · 52	578 · 07	575·52	572 · 27	569 · 69	568 · 92	568 · 12	568 · 87	$570 \cdot 12$	570 · 12	568·87	569 · 17
	567 · 47	577 · 77	575·37	572 · 07	569 · 67	568 · 87	568 · 12	568 · 92	$570 \cdot 02$	570 · 07	568·87	569 · 14
	567 · 42	577 · 62	575·27	571 · 89	569 · 69	568 · 87	568 · 12	568 · 97	$570 \cdot 02$	570 · 07	568·82	569 · 14
	567 · 42	577 · 47	575·12	571 · 79	569 · 64	568 · 82	568 · 07	568 · 97	$570 \cdot 02$	570 · 02	568·77	569 · 12
	567 · 37	577 · 32	575·07	571 · 64	569 · 69	568 · 82	567 · 97	568 · 97	$570 \cdot 02$	569 · 97	568·72	569 · 13
1	567 · 37 567 · 37 567 · 32 567 · 32 567 · 67	577·07 576·97 576·87 576·82 576·72	575 · 17 574 · 97 575 · 07 574 · 57 574 · 47	571 · 49 571 · 24 571 · 04 570 · 94 570 · 79	569 · 74 569 · 69 569 · 57 569 · 52 569 · 47	568 · 77 568 · 72 568 · 72 568 · 67 568 · 67	567 · 97 568 · 22 568 · 22 568 · 32 568 · 27	568 · 97 569 · 27 569 · 37 569 · 57 569 · 62	570 · 07 570 · 17 570 · 27 570 · 37 570 · 47	569 · 97 569 · 92 569 · 87 569 · 87 569 · 87	568 · 69 568 · 67 568 · 62 568 · 57 568 · 62	569·11 569·09 569·10 569·10
6	567 · 82	576 · 67	574 · 37	570 · 54	569 · 52	568 · 62	568 · 22	569 · 72	570 · 47	569 · 77	568 · 67	569 · 11
	567 · 92	576 · 62	574 · 42	570 · 34	569 · 47	568 · 62	567 · 92	569 · 77	570 · 53	569 · 82	568 · 67	569 · 10
	567 · 97	576 · 57	574 · 37	569 · 94	569 · 42	568 · 57	567 · 87	569 · 82	570 · 60	569 · 77	568 · 67	569 · 10
	568 · 07	576 · 42	574 · 37	569 · 74	569 · 42	568 · 57	567 · 77	569 · 92	570 · 55	569 · 72	568 · 72	569 · 12
	568 · 27	576 · 37	574 · 37	569 · 84	569 · 37	568 · 52	567 · 77	569 · 97	570 · 47	569 · 67	568 · 77	569 · 12
11	568·37	576 · 27	574 · 57	569 · 94	569 · 32	568 · 52	567.77	570 · 12	570 · 55	569 · 62	568 · 77	569 · 07
12	568·52	576 · 27	574 · 67	570 · 04	569 · 32	568 · 52	567.77	570 · 17	570 · 55	569 · 62	568 · 82	569 · 03
13	568·82	576 · 32	574 · 57	569 · 99	569 · 32	568 · 52	567.82	570 · 07	570 · 53	569 · 57	568 · 87	568 · 94
14	569·22	576 · 37	574 · 47	569 · 94	569 · 27	568 · 47	567.82	570 · 12	570 · 55	569 · 52	568 · 87	568 · 94
15	569·57	576 · 47	574 · 47	569 · 84	569 · 22	568 · 42	567.87	570 · 17	570 · 55	569 · 47	568 · 92	568 · 93
16	569·92 570·42 570·92 571·47 572·32	576·67 576·57 576·52 576·47 576·42 576·27	574 · 46 574 · 46 574 · 36 574 · 36	569 · 84 569 · 74 569 · 61 569 · 54 569 · 64 569 · 74	569 · 22 569 · 22 569 · 22 569 · 12 569 · 07 569 · 02	568 · 42 568 · 42 568 · 37 568 · 32 568 · 39	568 · 22 568 · 27 568 · 57 568 · 67 568 · 77 568 · 87	$570 \cdot 17$ $570 \cdot 22$ $570 \cdot 27$ $570 \cdot 27$ $570 \cdot 27$ $570 \cdot 22$	570 · 65 570 · 60 570 · 57 570 · 53 570 · 47 570 · 45	569·37 569·27 569·22 569·22 569·17 569·12	568-97 569-02 569-02 569-08	568 · 84 568 · 63 568 · 63 568 · 46 568 · 35

Elevations above M.S.L. of Ottawa River below Timiskaming Dam, for 1912-13.

TABLE No. 56.

											LADEE	110. 50.
1	568·35 568·30 568·24 568·13 568·06	573 · 56 573 · 87 574 · 25 574 · 35 574 · 43	577-06 576-97 576-91 576-84 576-81	573 · 77 573 · 63 573 · 50 573 · 33 573 · 22	571 · 36 571 · 33 571 · 22 571 · 07 570 · 99	569 · 80 569 · 81 569 · 81 569 · 82 569 · 83	569 · 17 569 · 23 569 · 20 569 · 27 569 · 31	570·50 570·55 570·55 570·55 570·45	569 · 97 569 · 97 569 · 97 569 · 82 569 · 82	569-87 569-87 569-87 569-87 569-77	570 · 15 570 · 07 570 · 05 570 · 07 569 · 99	570 · 85 570 · 65 570 · 50 570 · 25 570 · 07
6	568 · 02 568 · 30 568 · 30 568 · 30 568 · 38	574 · 50 574 · 58 574 · 73 574 · 90 574 · 95	576·79 576·75 576·71 576·62 576·55	573 · 13 572 · 97 572 · 92 572 · 83 572 · 80	570 · 90 570 · 83 570 · 77 570 · 70 570 · 77	569 · 80 569 · 93 569 · 87 569 · 84 569 · 83	569·35 569·43 569·45 569·50 569·57	570 · 65 570 · 75 570 · 75 570 · 85 570 · 65	569 · 77 569 · 77 569 · 77 569 · 77 569 · 67	569 · 77 569 · 77 569 · 97 569 · 97 570 · 37	570·37 570·69 570·65 570·62 570·52	$570 \cdot 05$ $569 \cdot 84$ $569 \cdot 52$ $569 \cdot 40$ $569 \cdot 44$
11	$\begin{array}{c} 568\cdot 41 \\ 568\cdot 44 \\ 568\cdot 49 \\ 568\cdot 50 \\ 568\cdot 55 \end{array}$	574 · 98 575 · 20 575 · 46 575 · 73 575 · 90	576·47 576·44 576·21 575·97 575·84	572.77 572.75 372.69 572.61 572.53	570 · 73 570 · 69 570 · 63 570 · 57 570 · 50	$569 \cdot 83$ $569 \cdot 68$ $569 \cdot 53$ $569 \cdot 49$ $569 \cdot 21$	$569 \cdot 57$ $569 \cdot 55$ $569 \cdot 59$ $569 \cdot 73$ $570 \cdot 20$	$570 \cdot 65$ $570 \cdot 25$ $570 \cdot 25$ $570 \cdot 15$ $570 \cdot 15$	569-67 569-67 569-67 569-72	570 · 27 570 · 27 570 · 27 570 · 27 570 · 27 570 · 27	$570 \cdot 37$ $570 \cdot 37$ $570 \cdot 22$ $570 \cdot 17$ $570 \cdot 17$	569 · 29 569 · 16 569 · 25 569 · 37 569 · 30
16	$\begin{array}{c} 568 \cdot 75 \\ 568 \cdot 90 \\ 569 \cdot 07 \\ 569 \cdot 20 \\ 569 \cdot 23 \end{array}$	575.98 576.06 576.07 576.08 576.10	575·70 575·70 575·70 575·53 575·43	572·53 572·47 572·39 572·37 572·28	$570 \cdot 41$ $570 \cdot 29$ $570 \cdot 22$ $570 \cdot 18$ $570 \cdot 09$	569 · 07 568 · 76 568 · 57 568 · 33 568 · 07	$\begin{array}{c} 570 \cdot 17 \\ 570 \cdot 13 \\ 570 \cdot 15 \\ 570 \cdot 15 \\ 570 \cdot 20 \end{array}$	570 · 15 570 · 07 570 · 07 570 · 07 570 · 07	569-67 569-67 569-67 569-67	$\begin{array}{c} 570 \cdot 27 \\ 570 \cdot 27 \\ 570 \cdot 27 \\ 569 \cdot 72 \\ 569 \cdot 72 \end{array}$	$\begin{array}{c} 570 \cdot 10 \\ 570 \cdot 17 \\ 570 \cdot 15 \\ 570 \cdot 10 \\ 570 \cdot 10 \\ 570 \cdot 10 \\ \end{array}$	569·17 569·01 568·85 568·76 568·86
21	$\begin{array}{c} 569\cdot 30 \\ 569\cdot 45 \\ 569\cdot 80 \\ 569\cdot 95 \\ 570\cdot 15 \end{array}$	576·12 576·13 576·17 576·42 576·54	575 · 38 575 · 20 575 · 03 574 · 85 574 · 77	$572 \cdot 25$ $572 \cdot 23$ $572 \cdot 00$ $571 \cdot 82$ $571 \cdot 80$	570 · 03 569 · 97 569 · 95 569 · 93 569 · 89	568 · 03 568 · 19 568 · 27 568 · 38 568 · 44	570 · 23 570 · 04 569 · 87 569 · 95 570 · 03	$\begin{array}{c} 570 \cdot 07 \\ 570 \cdot 07 \\ 570 \cdot 12 \\ 570 \cdot 12 \\ 570 \cdot 12 \\ 570 \cdot 12 \end{array}$	569-62 569-62 569-62 569-72	$569 \cdot 72$ $569 \cdot 87$ $570 \cdot 07$ $570 \cdot 12$ $570 \cdot 12$	570 · 14 570 · 35 570 · 42 570 · 57 570 · 75	568-94 568-97 568-97 569-17 569-32
26	570 · 30 570 · 65 571 · 60 571 · 95 572 · 80	576·49 576·46 576·67 576·93 577·07 577·07	574 · 63 574 · 38 574 · 13 574 · 03 573 · 90	571 · 80 571 · 77 571 · 61 571 · 53 571 · 63 571 · 49	569 · 84 569 · 93 569 · 93 569 · 94 569 · 95 570 · 30	568-53 568-83 568-94 569-03 569-09	$\begin{array}{c} 570 \cdot 10 \\ 570 \cdot 13 \\ 570 \cdot 16 \\ 570 \cdot 27 \\ 570 \cdot 30 \\ 570 \cdot 40 \end{array}$	570-07 570-07 570-07 570-02 569-97	569 · 77 569 · 77 569 · 77 569 · 82 569 · 87 569 · 87		570-77 570-87 570-99	569 · 16 569 · 20 569 · 04 568 · 97 568 · 97 569 · 07

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River below Timiskaming Dam, for 1913 - 14.

TABLE No. 57.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov:	Dec.	Jan.	Feb.	March.
1	569·24 569·22 569·19 569·19 569·14	577 · 52 577 · 67 577 · 62 577 · 49 577 · 39	573 · 92 573 · 74 573 · 47 573 · 47 573 · 54	570·77 570·79 570·84 570·84 570·79	570 · 27 570 · 37 570 · 37 570 · 37 570 · 27	569·77 569·74 569·74 569·72 569·72	569·09 569·07 569·04 569·00 568·97	569-92 569-97 569-92 570-02 570-04	572.67 572.94 573.22 573.19 573.17	571·77 571·77 571·77 571·52 571·12	570 · 59 570 · 57 570 · 54 570 · 57 570 · 64	569·79 569·72 569·69 569·64 569·77
6 7	569 · 28 569 · 02 568 · 26 567 · 84 567 · 79	577 · 24 577 · 32 577 · 22 577 · 27 577 · 24	573 · 52 573 · 52 573 · 54 573 · 52 573 · 59	570·57 570·57 570·49 570·47 570·47	$570 \cdot 24$ $570 \cdot 22$ $570 \cdot 17$ $570 \cdot 27$ $570 \cdot 14$	569 · 67 569 · 62 569 · 62 589 · 63 569 · 52	568 · 97 568 · 92 568 · 92 568 · 89 568 · 87	$\begin{array}{c} 570 \cdot 07 \\ 570 \cdot 09 \\ 570 \cdot 22 \\ 570 \cdot 47 \\ 570 \cdot 32 \end{array}$	573.07 573.07 573.09 573.02 572.95	571 · 12 571 · 22 570 · 97 570 · 87 570 · 87	570 · 82 570 · 94 571 · 02 570 · 84 571 · 02	569 · 84 569 · 87 569 · 87 570 · 09 570 · 62
11	567·59 567·39 567·44 567·59 567·69	577·19 577·04 577·07 577·04 576·89	573·57 573·52 573·47 573·52 573·27	570·37 570·29 570·27 570·31 570·47	570 · 17 570 · 14 570 · 07 570 · 07 570 · 07	569 · 57 569 · 57 569 · 54 569 · 52 569 · 52	568 · 87 568 · 87 568 · 87 568 · 82 568 · 82	570 · 39 570 · 47 570 · 57 570 · 67 570 · 77	572 · 89 572 · 77 572 · 74 572 · 74 572 · 64	570·87 570·77 570·77 570·77 570·67	571 · 09 571 · 02 570 · 62 570 · 52 570 · 64	570 · 67 570 · 62 570 · 62 570 · 72 570 · 59
16	567·82 567·96 568·16 568·27 568·34	576·50 575·84 575·72 575·67 575·39	573 · 37 573 · 27 572 · 88 572 · 24 571 · 72	570 · 38 570 · 28 570 · 08 570 · 22 570 · 37	570 · 02 570 · 02 570 · 02 570 · 02 569 · 98	569 · 52 569 · 54 569 · 50 569 · 47 569 · 47	568 · 82 568 · 84 568 · 87 568 · 92 568 · 94	570 · 82 570 · 80 570 · 84 570 · 89 571 · 52	572 · 47 572 · 37 572 · 39 572 · 35 572 · 32	570 · 67 570 · 64 570 · 54 570 · 41 569 · 84	570 · 54 570 · 72 570 · 69 570 · 62 570 · 54	$570 \cdot 54$ $570 \cdot 22$ $570 \cdot 19$ $570 \cdot 17$ $569 \cdot 99$
21. 22. 23. 24. 25.	568-49 568-59 568-67 568-89 569-17	575·32 575·22 574·82 574·54 574·54	571 · 49 571 · 52 571 · 56 571 · 57 570 · 72	570 · 44 570 · 52 570 · 52 570 · 54 570 · 52	$570 \cdot 04$ $570 \cdot 02$ $570 \cdot 04$ $570 \cdot 02$ $569 \cdot 92$	569·37 569·27 569·24 569·22 569·19	568 · 97 568 · 92 568 · 97 569 · 27 569 · 44	572 · 02 572 · 02 572 · 84 572 · 84 572 · 74	572 · 27 572 · 37 571 · 97 571 · 77 571 · 77	569 · 79 570 · 22 570 · 17 570 · 14 570 · 07	570 · 37 570 · 22 570 · 12 570 · 09 570 · 02	569·84 569·87 569·75 569·67 569·57
26. 27. 28. 29. 30.	571 · 17 573 · 75 575 · 29 576 · 22 577 · 07	574 · 49 574 · 42 574 · 32 574 · 07 574 · 02 573 · 94	570 · 72 570 · 89 570 · 97 570 · 89 570 · 84	570 · 52 570 · 52 570 · 47 570 · 32 570 · 32 570 · 29	569·92 569·87 569·82 569·79 569·84 569·77	569·17 569·17 569·12 569·12 569·12	569·54 569·59 569·69 569·72 569·79 569·82	572 · 79 572 · 84 572 · 77 572 · 72 572 · 70	571·77 571·77 571·77 571·77 571·77 571·77	570·02 570·02 570·14 570·12 570·44 570·62	569-92 569-97 569-92	569 · 45 569 · 57 569 · 50 569 · 47 569 · 37 569 · 25

Elevations above M.S.L. of Ottawa River below Timiskaming Dam, for 1914-15.

TABLE No. 58 $572 \cdot 02$ $572 \cdot 22$ $572 \cdot 35$ $572 \cdot 70$ $573 \cdot 12$ 572·50 572·47 572·54 572·58 572·55 567 · 14 567 · 16 567 · 16 567 · 16 567-67 567-74 567-73 567-69 567-70 571-49 569 - 14 569 - 15 567-95 566-87 567.37 567·82 567·77 567·76 567·40 567·45 567·47 567·52 569·22 569·14 571 · 41 571 · 19 571 · 12 569.06 567-94 567-91 567-95 567.03 567.02 569.06 566.88 566 - 91 568.00 568-95 568 - 93 567.89 566 97 573-44 573-77 574-05 574-19 572 · 54 572 · 38 572 · 06 571 · 69 567·12 567·06 567·05 567·03 567 · 72 567 · 72 567 · 73 567 · 72 568,00 570.89 568-86 567 - 91 566.99 567.54 567.75 7 8 9 10 570 · 82 570 · 79 570 · 80 567·77 567·74 567·76 567·02 567·02 568 - 85 568 - 86 568.03 568.02 566-92 567-04 567-02 567 · 57 567 · 63 567 · 63 568-80 568-80 568 - 70 571.69 570.80 568-66 567.94 567.03 566.97 567-65 574 · 50 574 · 57 574 · 49 574 · 47 571·70 571·72 571·70 572·68 573·40 567.79 12 13 14 15 570 · 62 570 · 54 570 · 47 568-77 567-91 567-90 567-86 566 - 98 566 · 99 567 · 04 567 · 00 567-65 567-63 567-73 567 · 76 567 · 75 567 · 73 567·81 567·75 567·72 567 · 02 567 · 02 566 · 98 568 · 70 568 · 65 568 · 53 568 · 53 566 - 97 568-62 568 - 53 566.94 567 - 77 566 - 92 567·07 567·12 567·07 567·12 567·18 567 · 77 567 · 74 567 · 77 567 · 79 567 · 74 567 · 71 567 · 70 567 · 70 570.30 568-46 566 - 97 568 - 67 568-42 566-97 566-97 567 · 89 567 · 78 567 · 70 567 · 67 567 · 71 567 · 73 566-92 568-46 569 - 12 566 - 97 569 - 47 566 - 97 567 - 78 568-37 566 - 92 573 · 22 573 · 02 572 · 55 572 · 52 572 · 61 572 · 50 572 · 37 572 · 29 $\begin{array}{c} 567\cdot 19\\ 567\cdot 28\\ 567\cdot 30\\ 567\cdot 25\\ 567\cdot 27\end{array}$ 569-96 568-36 569 - 52 569 · 80 . 569 · 76 567·55 567·65 567·02 566·95 567 · 77 567 · 68 567 · 69 567·82 567·79 567·75 567·59 567·32 567·07 566 · 92 566 · 87 568-31 569 - 60 568 - 14 567.03 569.75 569-69 567-41 570 · 62 571 · 05 571 · 39 567·38 567·31 567·30 566·87 566·92 $569 \cdot 59$ 566.93 567.10 567 · 35 567 · 18 569·51 569·42 566 · 92 566 · 91 568 · 04 567 · 98 567 · 96 566 92 571-67 567-14 567.32 566 - 92 31..... 566 - 861

6 GEORGE V, A. 1916 ELEVATIONS above M.S.L. of Mattawa River at Turtle Dam, for 1906.

TABLE No. 59.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Marc.
										662-82	663-42	663
										662 - 82	663 - 47	663
										662-84	663 - 52	663
										662-84	000.02	000
										662-84	663-52	663
										002.94	000-02	000
										662+84	663 - 52	663
											663 - 53	663
		,								662-83	663 - 53	663
										662 - 83	663-54	663
										622 - 83	633 - 54	633
										662-84		
										662 - 84	663-52	662
										662 84	663-49	662
										002 01	663-47	663
										662-87	663 - 45	663
										002-01	000.40	000
										662-87	663-42	663
										662-87	663 - 40	663
										662-88	000 10	000
										662-88	663-37	663
										662 - 88	663.37	663
										002.99	009.91	000
											663-40	663
										662 - 92	663 - 40	662
										662-97	663-41	662
										663.02	663-41	663
										663-02	009.41	008
										003.07		
										663 - 12	663-42	663
										663 - 22	663-42	662
											663-43	662
										663-32		663
												662
										663 - 32		
										663-37		663

Elevations above M.S.L. of Mattawa River at Turtle Dam, for 1906.

TABLE No. 60. 662 - 92 662-49 662-22 662 - 34 662-47 665-48 $664 \cdot 90$ 663-39 665 · 50 665 · 54 664-86 664 · 42 664 · 37 662 · 89 662 · 87 662 - 22 662-34 662·50 662·52 662-47 662-47 662-47 662 · 22 662 · 23 663.39 662.36 664-82 663·40 663·40 665 · 55 665 · 57 664.39 662 - 82 662-37 662-57 662 - 24 664 - 80 664 - 30 5..... $662 \cdot 77$ $662 \cdot 72$ $662 \cdot 72$ $662 \cdot 72$ 662·57 663-47 $664 \cdot 82$ $664 \cdot 27$ $662 \cdot 45$ 662-24 662-37 665·59 665·63 663.87 664 · 87 664 · 97 $664 \cdot 12$ 662-45 662-38 662-44 662-24 662-38 662.58 663-99 665.00 664-02 9..... 664.03 665-69 664 - 00 662.72 662-42 662 - 24 662-36 662-61 664-08 662.72 662-23 662-61 662-59 662-58 662-57 662-57 664 · 12 664 · 19 665 - 73 664 - 97 663 · 90 663 · 82 663 · 72 662·37 662·34 662·32 662-23 662·37 662·37 662·37 662.70 664 · 97 $662 \cdot 22$ 665-90 14.... 15.... 664-34 662.69 665 92 664 - 92 €62-67 662 - 32 $662 \cdot 22$ 662 - 36 664-42 663-57 662-64 665-92 664-87 662 - 22 662.36 663 - 30 662.35 663 - 55 662-62 662 - 23 664-62 665 - 92 664 - 82 665-87 664-82 663-42 662.59 $662 \cdot 24$ $662 \cdot 24$ 662 · 57 662 · 58 662 · 58 662 · 35 19.... 20.... 664 - 92 665 - 82 663 - 37 $662 \cdot 25$ 664 - 79 662-52 662 - 24 662 . 25 665-02 663.32 664 - 76; $665 \cdot 17$ $665 \cdot 72$ $662 \cdot 25$ $662 \cdot 27$ $662 \cdot 35$ $662 \cdot 37$ $662 \cdot 37$ $662 \cdot 58$ $662 \cdot 25 \\ 662 \cdot 25 \\ 662 \cdot 26$ 665 · 69 665 · 50 665 · 42 $664 \cdot 72$ 662 · 52 662 · 53 662 · 53 662-59 22.....23..... 665 · 32 665 · 35 663 · 22 663 · 19 664 - 723 24.... $662 \cdot 25$ $662 \cdot 25$ 25..... 665-37 665-32 664-67 663 - 14 662.53 662-61 665-39 661-64 663-07 $662 \cdot 27$ $662 \cdot 27$ 665-27 665 · 40 665 · 42 663·02 663·42 662 · 22 662 · 22 662-41 662-43 662-43 662-62 662-62 664-62 662-62 665-17 28..... 29.... 662 · 64 662 · 62 662 · 57 666-29 662-31 665.02 664.52 662 - 22 662.62 665 - 47 662-95 662 - 45 665-02 664-47

662-82

31.....

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of White Fish Lake, for 1905-06.

TABLE No. 61.

			T								ADLE	110. 01.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	641 · 48 641 · 48 641 · 54	641 · 98 641 · 94 641 · 91 642 · 04 642 · 10	642 · 11 641 · 60 641 · 61 641 · 50	641·35 641·90 641·91 641·85	641 · 42 641 · 44 641 · 43 641 · 40 641 · 40	641·02 641·02 641·00 641·00	640 · 99 641 · 00 641 · 00 641 · 01	641 · 15 641 · 15 641 · 16 641 · 16	641 · 19 641 · 15 641 · 15 641 · 15	641 · 10 641 · 10 641 · 10 641 · 10 641 · 10	641 · 32 641 · 33 641 · 33	641 · 18 641 · 19 641 · 19 641 · 19
6. 7. 8. 9.	641 · 55 641 · 99 641 · 44 641 · 54	642·37 642·39 641·95	641.51 641.51 641.52 641.51 641.51	641 · 70 641 · 40 641 · 45 641 · 33	641·35 641·36 641·35 641·33	641 · 10 641 · 10 641 · 05 641 · 05	641.00 641.00 640.98 640.98	641 · 18 641 · 19 641 · 19 641 · 19 641 · 20	641·13 641·13 641·13 641·12	641·10 641·11 641·60 641·15	641·30 641·28 641·25 641·22 641·20	641 · 19 641 · 19 641 · 19 641 · 19 641 · 18
11	641.53 641.59 641.97 642.67 642.68	641.70 641.71 642.20	641·35 641·37 641·40 641·38	641 · 30 741 · 45 641 · 42 641 · 40 641 · 41	641 · 30 641 · 30 641 · 28 641 · 25	641 · 05 641 · 04 641 · 02 641 · 00 640 · 95	640 · 95 640 · 90 640 · 90 640 · 90	641 · 18 641 · 18 641 · 18	641 · 12 641 · 12 641 · 12 641 · 12 641 · 11	641 · 15 641 · 12 641 · 12	641 · 20 641 · 20 641 · 18 641 · 18	641 · 15 641 · 15 641 · 15 641 · 13
16	642 · 20 642 · 14 642 · 14 642 · 11	642 · 21 643 · 31 643 · 38 643 · 31 643 · 38	641 · 40 641 · 40 642 · 90 642 · 12	642 · 10 642 · 05 642 · 05 642 · 00	641 · 22 641 · 20 641 · 20 641 · 20	641 · 25 641 · 30 641 · 30	640.91 640.91 641.05 641.10 641.20	641·19 641·19 641·20 641·20	641 · 10 641 · 20 641 · 20	641 · 11 641 · 13 641 · 13 641 · 13 641 · 15	641 · 16 641 · 15 641 · 15 641 · 15	641·10 641·10 641·05
21	642 · 22 642 · 14 642 · 51 642 · 52	642·33 642·32 642·30 642·31	644 · 28 644 · 30 644 · 31 644 · 25	642.00 642.01 642.00 641.95	641 · 20 641 · 18 641 · 15 641 · 10 641 · 05	641 · 28 641 · 25 641 · 20 641 · 15	641 · 25 641 · 20 641 · 20 641 · 20	641 · 20 641 · 20 641 · 20 641 · 20 641 · 22	641 · 18 641 · 16 641 · 16 641 · 16	641 · 20 641 · 20 641 · 25 641 · 28	641 · 16 641 · 16 641 · 17 641 · 17	641.02 641.05 641.06 641.07
26	641.83	642 · 13 642 · 12 642 · 11 642 · 10 642 · 10	644-00 644-02 642-23 641-68 641-33	641 · 90 641 · 90 641 · 60 641 · 50 641 · 40	641 · 04 641 · 00 641 · 00 641 · 01	641 · 10 641 · 08 641 · 04 641 · 02 641 · 00	641 · 20 641 · 18 641 · 15 641 · 20 641 · 20	641 · 20 641 · 22 641 · 22 641 · 22	641 · 14 641 · 14 641 · 12 641 · 12 641 · 10	641·30 641·30 641·30 641·30 641·32	641 · 19 641 · 19 641 · 19	641 · 108 641 · 11 641 · 13 641 · 16 641 · 16 641 · 17

ELEVATIONS above M.S.L. of White Fish Lake, for 1906.

				TABLE No. 62.
1. 2 641·15 3 641·15 4 641·16 5 641·18	642·02 642·20	641·29 641·15 641·27 641·25 641·15 641·22 641·15 641·12	$\begin{array}{cccc} 641\cdot 00 & 641\cdot 19 \\ 641\cdot 00 & 641\cdot 20 \\ 641\cdot 00 & 641\cdot 20 \\ 641\cdot 01 & \cdots & \cdots \\ 641\cdot 01 & 641\cdot 22 \\ \end{array}$	641·18 641·18 641·22 641·25
$\begin{array}{cccc} 6 & & 641 \cdot 25 \\ 7 & & 641 \cdot 32 \\ 8 & & & \\ 9 & & 641 \cdot 27 \\ 10 & & 641 \cdot 25 \\ \end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	641·21 641·12 641·20 641·11 641·20 641·10 641·16	$\begin{array}{cccc} 641 \cdot 01 & 641 \cdot 22 \\ \dots & 641 \cdot 20 \\ 641 \cdot 02 & 641 \cdot 15 \\ 641 \cdot 02 & 641 \cdot 12 \\ 641 \cdot 01 & 641 \cdot 10 \\ \end{array}$	641·25 641·25 641·25 641·22
11 641·26 12 641·30 13 641·51 14 641·60	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	641·10 641·01 641·01 641·10 641·05 641·10 641·03 641·07 641·00	641·01 641·01 641·07 641·00 641·05 641·05 641·00 641·02	641·22 641·20 641·20 641·20 641·20
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	641·05 640·99 641·02 640·98 640·97	$\begin{array}{cccc} 641 \cdot 02 & 641 \cdot 02 \\ 641 \cdot 02 & 641 \cdot 01 \\ 641 \cdot 02 & & & \\ 641 \cdot 04 & 641 \cdot 00 \\ 641 \cdot 05 & 641 \cdot 00 \\ \end{array}$	641-18 641-18 641-20 641-20
21. 642·70 22. 23. 24. 642·75 25. 642·70	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	641-10 641-00	641·07 641·04 641·07 641·05 641·09 641·05 641·10	641 · 19 641 · 19 641 · 19 641 · 19
26. 642·55 27. 642·10 28. 642·11 29. 30. 642·00 31.	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	641 · 20 641 · 02 641 · 20 641 · 00 641 · 18 641 · 00 641 · 16	641·15 641·15 641·15 641·15 641·15 641·18 641·17 641·18 641·20 641·18	641-20 641-20 641-22 641-22

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Nosbonsing Lake at Bonfield Ont., for 1905–06. $_{\rm TABLE\ No.\ 63.}$

Day.	April.	May.	June.	July.	Aug.	Sept.	Let.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	780 · 30 780 · 42 780 · 53 780 · 60	780·87 780·85 780·87 780·98 780·98	780-63 780-36 780-40	780 · 64 780 · 61 780 · 57 780 · 38	779·48 779·47 779·46 779·46 779·45	778-91 778-86 778-99 779-00	778-69 778-61 778-51 778-48	778 · 91 778 · 86 778 · 76 778 · 66	777-61 777-64 777-64 777-65	777-87 777-87 777-89 777-89 777-91	778-64 778-66 778-68	778 · 99 779 · 01 779 · 04
6	780-67 780-68 780-70	780 · 99 781 · 00 781 · 02 781 · 04	780 · 52 780 · 55 780 · 58 780 · 60 780 · 60	780 · 26 780 · 24 780 · 16	779-48 779-51 779-48 779-48	779·01 779·01 778·96 778·99	778 · 47 778 · 46 778 · 51 778 · 56	778 · 46 778 · 38 778 · 31 778 · 24 778 · 06	777-66 777-69 777-69	777-91 777-93 777-95 777-96	778-69 778-71 778-74 778-74 778-76	779-06 779-07 779-08 779-09 779-09
11	780 · 75 780 · 77 780 · 79 780 · 83 780 · 85	781 · 00 780 · 98 780 · 99 781 · 02	780-66 780-73 780-74 780-75	780 · 75 779 · 96 779 · 86 779 · 76 779 · 50	779-48 779-47 779-36 779-31	779·04 779·04 779·01 779·03 779·04	778-56 778-58 778-59 778-59	777-91 777-68 777-61 777-48	777-71 777-71 777-72 777-74 777-74	778.00 778.03 778.04	778-76 778-79 778-79 778-81	779·11 779·11 779·13 779·14
16	780-97 780-93 780-87 780-86	781 · 02 780 · 99 781 · 00 781 · 03 781 · 03	780 · 78 780 · 81 780 · 83 780 · 83	779 · 44 779 · 61 779 · 56 779 · 55	779·31 779·30 779·30 779·28	779-05 779-16 779-21 779-29	778.58 778.60 778.68 778.72 778.78	777 · 46 777 · 31 	777.76 777.76 777.76 777.77	778-06 778-11 778-12 778-16 778-18	778 · 81 778 · 84 778 · 86 778 · 88	779 · 14 779 · 16 779 · 16 779 · 16
21 22 23 24 25	780 · 84 780 · 82 780 · 84 780 · 85	780·96 780·96 780·97 780·97	780 · S4 780 · 85 780 · 76 780 · 78	779-55 779-51 779-53 779-54	779-26 779-26 779-24 779-21 779-11	779·30 779·31 779·31 779·21	778-79 778-81 778-86 778-86	777 · 36 777 · 36 777 · 39 777 · 41 777 · 41	777 · 79 777 · 79 777 · 81		778-89	779 · 16 779 · 17 779 · 17 779 · 18
26		780 · 96 780 · 97 780 · 72 780 · 63 780 · 66	780-66 780-68 780-71 780-64 780-66	779·55 779·54 779·54 779·51	779.06 779.01 779.01 778.76 778.91	779.06 779.01 779.01 778.91 778.81	778-88 778-88 778-91 778-96 778-93	777 · 46 777 · 54 777 · 56 777 · 61	777 82 777 84 777 84 777 86 777 86	778 51 778 54 778 56 778 59 778 62	778 96 778-97 778-97	779 21 779 28 779 29 779 28 779 28 779 28 779 27

Elevations above M.S.L. of Nosbonsing Lake at Bonfield, Ont., for 1906.

				TBALE No. 64
1. 2. 779·27 3. 779·28 4. 779·31 5. 779·34	780·34 780·41 780·40 780·79 780·6 780·46 780·6 780·51 780·46 780·5 780·55 780·46 780·5	778-91 778-89 778-89 778-24 778-88	778-21 778-08 778-21 778-09 778-21	778-53 778-53 778-55 778-55
6 779·41 7 779·48 8 779·58 10 779·63	780-63 780-54 780-2 780-65 780-59	28 778-88 778-26 778-88 778-26 6 778-88	778-06 778-06 777-96 778-09	778-59 778-61 778-66
11. 779·66 12. 779·69 13. 779·72 14. 779·78 15.	780·77 780·61 780·1 780·85 780·61 780·0 780·61 779·9 780·91 780·61 779·8 780·86 780·64	99	777.76 778.13 777.82 778.13 778.14	778-68 778-71 778-71 778-74 778-74
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	780-81 780-69 779-6 780-84 779-5 780-86 780-70 779-5 780-78 780-70 779-4 780-70 779-5	66 778·79 778·19 51 778·79 778·18 44	777.81	778-76 778-76 778-76 778-76 778-77
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	780·76 780·71 779·1 780·96 780·71 780·76 780·71 779·0 780·76 779·0 780·79 780·71 779·0	778·76 778·21 06 778·76 04 778·74 778·18	777-93 778-31 777-96 778-31 777-99 778-36	778-77 778-78 778-79 778-79
26. 780·24 27. 780·25 28. 780·26 29. 30. 780·31 31.	780-81 780-69 778-5 	96 778-56 778-21 96 778-51 778-21 778-36 778-21 96 778-31	778·04 778·41 778·44 778·06 778·47 778·06 778·51	778-80 778-81 778-81 778-83 778-83

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Lake Talon at Talon Dam, for 1905,

TABLE No. 65.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Ma
												63
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												63
												65
												63
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												65
												63
												63
												63
											635-16	
												62
												65
												63
												63
												63

Elevations above M.S.L. of Lake Talon at Talon Dam, for 1905-06,

TABLE No. 66. 636-04 640-77 641-41 $637 \cdot 44$ 636 - 44 634 - 64 634-64 635-09 633 - 56 634 - 25 634 - 34 641 · 03 641 · 06 637 · 39 637 · 46 637 · 44 $635 \cdot 14$ $635 \cdot 14$ $635 \cdot 14$ 634 - 59 633 - 44 634 - 34 636-69 $634 \cdot 64$ 635 - 04 636-66 636 - 44 633 - 49 634 - 26 634 - 34 635.04 634 - 69 641-29 636 - 29 633 - 46 637.33 641.33 641.74 634-32 636.09 $634 \cdot 74$ 634 - 89 $633 \cdot 44$ 634 - 34 637-49 641.54 641-54 637 · 74 637 · 94 634 · 74 634 · 74 634 · 74 634 - 59 635-44 634 - 84 633 - 44 634-32 634 - 34 637 - 64 641.39 634 - 84 634 - 74 641.82 634 - 32 641·39 641·39 635 · 64 635 · 54 635 · 39 635 · 04 635 · 14 633-39 635 - 49 641.84 638 - 29 634 - 64 633 - 36 641.92 637.76 640 - 64 638-42 635.54 $635 \cdot 24$ 633 - 34 634 - 39 637 - 94 $641 \cdot 85 \\ 641 \cdot 76 \\ 641 \cdot 72$ 640 - 64 638-44 $635 \cdot 24 \\ 635 \cdot 14$ 634 - 59 635-59 635-34 634 - 54 638 - 04 634 · 54 634 · 49 685 · 64 635 · 69 633 · 29 633 · 24 $634 \cdot 34 \\ 634 \cdot 34 \\ 634 \cdot 34$ $634 \cdot 42 \\ 634 \cdot 42 \\ 634 \cdot 42$ 640 - 64 638 - 54 $634 \cdot 46$ 635 - 44 13..... 638.02 640.64 638 - 74 634 - 40 638 - 15 640 - 59 635 - 44 635.59 638 - 16 641.74 640.44 639.02 635.09 $634 \cdot 49$ 634 - 26 633 - 22 $634 \cdot 52$ 635 - 04 634 - 23 $633 \cdot 22 \\ 633 \cdot 22$ 634-34 634 - 42 638 · 06 637 · 95 637 · 95 642.04 642.34 642.34 639 · 49 639 · 79 639 · 79 634 - 99 639 - 99 634 - 79 635 - 64 634 - 34 634 - 74 634 - 09 640 · 24 640 · 20 634 · 99 634 · 94 635.59 634 - 34 $634 \cdot 74$ 634 - 84 634 - 04 633 - 19 634 - 44 638-13 642.36 639 - 94 635 - 59 20..... 639-54 635.04 633 - 99 634 - 35 634 - 44 635.56 638-33 639-84 639-24 634 - 84 634 - 99 635 - 09 634-44 634 - 39 642 - 14 638 - 45 639-54 635.04 633 · 24 633 · 79 $635 \cdot 55 \\ 635 \cdot 54 \\ 635 \cdot 44$ 634 - 39 634-43 635 - 19 $642 \cdot 04$ 639.34 639-09 634 - 84 634 - 99 633 - 84 634-39 638-82 642-03 641-94 $634 \cdot 34$ 639 - 04 638-64 634 - 74 634 - 99 635 - 14 635 - 34 633 - 74 634 - 12 639-36 641-87 638-34 638.34 634 - 70 635.04 633.74 634 - 34 634-43 638 · 19 637 · 94 637 · 19 637 · 44 639-54 638 · 04 637 · 79 637 · 54 634 · 89 634 · 84 635 · 19 635 · 24 635 · 14 634 · 34 634 · 34 $634 \cdot 99$ $633 \cdot 69$ 634 - 54 634 - 90 633 - 64 641.42 $640 \cdot 17$ 634 - 44 634 - 89 633 - 63 633 - 69 634 - 49 641·42 637·44 641·42 634 - 79 634.59 634.89 635.09 633-61 637-14 31..... 634-24 634 - 69. 634 - 74 634-44

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Talon Lake at Talon Dam, for 1906.

TABLE No. 67

Day.	April.	May.	June.	July.	Aug.	Spet.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	634 · 49 634 · 52 634 · 44 634 · 42	641 · 48 641 · 40 641 · 48 641 · 45 641 · 44	641 · 58 641 · 68 641 · 30 641 · 00	636·94 636·97 636·99 637·01	637·18 637·05 636·92 636·74	634 · 44 634 · 58 634 · 64 634 · 64	634 · 13 634 · 14 634 · 13 634 · 12 634 · 14	634 · 84 634 · 82 634 · 80 634 · 82	635-42			
6	634 · 34 634 · 29 634 · 22 634 · 16	641·32 641·30 641·25 641·20	640 · 90 640 · 88 641 · 08 640 · 90	637 · 03 637 · 06 637 · 14 637 · 25	635 · 84 635 · 56 635 · 39 635 · 23 635 · 08	634 · 64 634 · 63 634 · 58	634 · 22 634 · 26 634 · 32	634 · 85 634 · 84 634 · 82 634 · 83 634 · 85	635 - 55			
11	634 · 14 634 · 13 634 · 13 634 · 12	641 · 15 641 · 20 641 · 69 641 · 71	640 · 75 640 · 52 640 · 40 640 · 02 639 · 92	637 · 40 637 · 43 637 · 51 637 · 57	634 · 94 634 · 29 634 · 52 634 · 44	$634 \cdot 56$ $634 \cdot 54$ $634 \cdot 49$ $634 \cdot 43$ $634 \cdot 40$	634·34 634·36 634·37	634·87 634·88 634·89 634·90	635·47 635·46			
16		641.71 641.78 641.80 641.70	639 · 29 638 · 94 638 · 80 638 · 65	637·70 637·82 637·92 638·04 638·03	634 · 52 634 · 98 635 · 44 634 · 42	634·34 634·32 634·30 634·25	$634 \cdot 47$ $634 \cdot 50$ $634 \cdot 56$ $634 \cdot 60$ $634 \cdot 65$	634 · 91 634 · 92 634 · 94 634 · 97	635 · 39 635 · 37 635 · 36			
21		641.00 640.87 640.70 640.59 640.80	638 · 48 638 · 13 637 · 97	638·00 638·02 638·21 638·00	634·37 634·32 634·26 634·22 634·17	634·22 634·30 634·23 634·21	634 · 72 634 · 76 634 · 79 634 · 81	635 · 04 635 · 04 635 · 07 635 · 09	635-32			
26. 27. 28. 29. 30.	641 · 82 641 · 70 641 · 60 641 · 45	641 · 08 641 · 30 641 · 35 641 · 42 641 · 57	637 · 52 637 · 37 637 · 22 637 · 07 636 · 90	637·91 637·72 637·60 637·42 637·30	634·22 634·27 634·32 634·37 634·40	634 · 18 634 · 22 634 · 17 634 · 14	634 · 89 634 · 89 634 · 88 634 · 86	635·12 635·17 635·22 635·27 635·32	635-32			

Elevations above M.S.L. of Kai-bus-kong River at Menard's Bridge, for 1905.

TABLE No. 68

	_			_	_			_		_						-210			_		-07.00		-	_	_	 _	No.
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			ı.													1.											
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			T.																								67
			T.		٠.																						0.
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			ИÜ																								

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Kai-bus-kong River at Menard's Bridge, for 1905–06.

TABLE NO. 69:. Day. April. May. June. July. Aug. Sept. Oct. Nov. Dec. Jan. Feb. March. 679-60 679 · 16 679 · 14 679 · 05 681 · 89 679 · 46 679 · 45 678-71 678·50 678·50 678·45 678-40 682-15 679-43 679.85 681-93 678.38 682·10 681·30 678 · 82 678 · 85 678 · 87 679 · 43 679 · 42 679 · 81 679 · 43 678-99 679-14 678 · 50 681 · 30 678 · 63 678 · 63 679 · 21 679 · 38 678-42 681-20 678-70 679-40 678-39 681.20 679 - 60 $\begin{array}{c} 678 \cdot 74 \\ 678 \cdot 68 \\ 678 \cdot 69 \\ 678 \cdot 58 \\ 678 \cdot 58 \end{array}$ 678 · 50 678 · 48 679-30 679-39 $\begin{array}{c} 678 \cdot 25 \\ 678 \cdot 25 \\ 678 \cdot 23 \end{array}$ 681-00 678-89 679.40 679-55 679 · 50 679 · 50 679 · 52 679 · 55 680 - 90 678 · 65 678 · 67 679 · 40 679 · 38 679 · 36 679 - 47 678-89 678 · 45 678 · 45 678 · 44 680 · 80 680 · 70 679.08 678 - 43 678-48 679·52 679·33 678-90 681-65 10..... 679-17 678 - 49 680 - 60 678-90 678 · 20 678 · 23 678 · 25 678 · 25 678 · 28 678-49 678 - 68 $679 \cdot 21 \\ 679 \cdot 23 \\ 679 \cdot 22$ 679·31 679·27 679·28 679 - 00 678 · 42 678 · 45 680 - 60 678-90 678-91 681·35 678·95 678 - 80 678 - 49 678 · 68 678 · 69 679 - 34 679 00 678 - 45 680 - 50 679 · 34 679 · 35 679 · 60 679 · 62 678 · 95 678 · 56 680 · 40 680 · 35 14.... 15.... 681-30 678-45 678-45 679 - 42 678-98 679 - 40 681-62 678-46 678 · 43 678 · 43 678 · 55 678 · 72 678-30 680-32 678-70 678-98 679-45 678-60 16 17 18 19 20 679 · 14 679 · 35 679 · 08 679 · 54 679 · 50 679 · 44 678 - 60 680.05 678 · 40 678 · 35 680.32 679-00 679-00 679-01 679.58 678 · 40 678 · 40 678 · 40 678-88 680 · 00 678 · 48 678 · 50 680.30 678 · 95 678 · 94 678 - 30 679 - 55 679·58 679·58 678 - 60 678 - 80 679 - 60 678 · 25 678 · 25 678 · 30 678 · 28 678 - 45 678 - 35 678.70 678 - 81 678 - 88 679.98 679 - 20 678 · 92 678 · 80 678 · 82 678 - 42 678 · 25 678 · 25 678 · 75 678 · 70 678 · 60 679 · 02 679 · 05 679 · 08 679.70 679 · 98 680 · 00 678-60 23.... 24 679 · 21 678 · 84 678 · 84 679 · 03 679 · 04 678 · 50 678 · 50 679.85 680.03 681 - 60 678-20 678-60 678 - 50 678 - 84 679 - 20 678 · 81 678 · 60 678 · 75 678 · 74 678-49 678 - 50 678-20 679-85 678 · 93 678 · 90 678 · 48 678 · 50 678 · 50 678 · 50 678 · 60 678 · 65 678 · 70 $679 \cdot 28$ 681 · 55 681 · 30 678 · 83 678 · 83 678 · 85 679-40 679·85 679·87 680 · 60 680 · 55 680 · 45 680 - 90 679 - 08 678.51 680.90 678 - 45 681 - 74 680 · 85 678 · 50 679 · 52 679 · 55 681.31 678 - 73 678-80 680 - 48 678-49 31..... 681-03 680.51

Elevations above M.S.L. of Kai-bus-kong River at Menard's Bridge, for 1906.

				TABLE No. 70.
1	2 678·76 678·90 678·85 5 678·80 678·83 8 678·71 678·80 678·85	678 · 53 678 678 · 53 678 · 35 678 678 · 51 678 · 35 678	8·32 678·30 8·32 678·28 678·55 8·34 678·58	
6. 679-7/ 7. 679-1 8. 9 678-8 10 678-7	2 678·70 678·80 681·90 . 678·28 678·95	678 · 50 678 · 35 678 · 50 678 · 35 679 678 · 48 679	678·23 678·75 9·80 678·25 678·80 9·60 678·25	
11 678-7 12 678-8 13 678-8 14 678-9 15	6 678·70 678·83 682·05 9 678·80 681·90 12 678·91 678·80 680·65	678·42 678·30 679 678·42 678·30 679	9·40 678·25 678·91 9·42 678·25 678·93 678·24 678·95	
16 678-9 17 678-9 18 678-9 19 678-9 20 678-8	16 679 65 680 55 17 679 80 678 95 678 50 18 679 75 678 92 680 50	678-45 678-30 678 678-45 678-30 678 678-30 678	8 · 80 678 · 20 678 · 97 8 · 45 678 · 98 8 · 42 678 · 22 678 · 98	
21 678·7 22 23 678·7 24 678·7 25 678·7	. 679-65 678-85	678-35 678-33 678 678-30 678 678-25 678-32 678	8-40 678-25 679-00 8-40 678-28 8-38 678-30 679-01	
26. 678-6 27. 678-6 28. 678-6 29. 30. 678-7 31.	55 678 · 82 678 · 55 68 678 · 85 678 · 85 678 · 55 678 · 82 678 · 87	678-68 678-30 648 680-90 678-30 680-70 678-30 678 680-55 678	8·35 678·42 679·04 678·45 679·04 8·36 678·48 679·05 8·32 678·50	

 $\,$ 6 george v, a. 1916 Elevations above M.S.L. of Mattawa River below Pimisi Bay, for 1905.

								TABLE	No. /1.			
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1												583-87
3												959.01
5												
6												
8												
11												584 - 10
												584-09
14												584-08
16												
17												
												584 - 04
21												584 · 41 584 · 46
												584.42
25											583-97	
26 27 28												584 · 46 584 · 49
29												584 · 53 584 · 59
31												584 - 91

Elevations above M.S.L. of Mattawa River below Pimisi Bay, for 1905-06.

			4	A						TABLE	No. 72.
1	585 · 16 585 · 29 585 · 40 585 · 50	584·72 585·35 584·81 585·45 584·94 585·47 585·17	584-01 584-02	585 · 21 585 · 19 585 · 16 585 · 11 585 · 06	583 · 91 583 · 91 583 · 96 583 · 96	583 · 36 583 · 41 583 · 51 583 · 91	584-61 584-50 584-46 584-45		584 · 19 584 · 19 584 · 19 584 · 19 584 · 19	583 · 81 583 · 80 583 · 79 583 · 79	583 · 79 583 · 79 583 · 79 583 · 79
6	585-63 585-76 585-66	585·23 586·11 585·24 585·24 585·34 584·81 585·54 586·27 585·55 585·59	583·88 583·65	584-96	583-96 583-98 583-98 584-01	583 · 96 583 · 96 583 · 96 583 · 91	584 · 51 584 · 56 584 · 61 584 · 63 584 · 69	584·51 584·46 584·41 584·39	584-17 584-17 584-17 584-15	583 · 79 583 · 79 583 · 79 583 · 79 583 · 79	583.79 583.79 583.81 583.86 583.89
11	585·69 585·72 585·73 585·77 585·88	585 · 53 ·	583 - 41	584.41 584.36 585.36 584.81	584 · 46 584 · 51 584 · 51 583 · 71 583 · 71	583 · 91 583 · 96 584 · 01 584 · 06	584·71 584·76 584·79 584·80	584·36 584·34 584·31 584·29 584·26	584 · 15 584 · 13 584 · 11	583-77 583-77 583-77 583-77	583 · 93 583 · 94 583 · 94 583 · 96
16	585·76 585·73 585·70 584·30	585-43 586-23 585-69 586-23 585-91 585-98 586-23 585-99 586-53	583 · 50 585 · 79 586 · 03	584-71 584-61 584-61 584-61	583 · 69 583 · 51 583 · 46 583 · 86	$584 \cdot 26$ $584 \cdot 21$ $584 \cdot 16$ $584 \cdot 11$ $584 \cdot 11$	584-81 584-82 584-81	584 · 23 584 · 21 584 · 19 584 · 15	584·11 584·11 584·09 584·07 584·07	583 · 77 583 · 77 583 · 77 583 · 77	583 · 96 583 · 99 584 · 11 584 · 19
21	584 · 17 584 · 19 584 · 20 584 · 20	586-26 585-81 585-80 585-59 585-51 585-51	583.96	584-61 584-61 584-61 584-61 584-29	583 · 98 583 · 76 584 · 01 583 · 61	584 · 21 584 · 21 584 · 21 584 · 36	584 · 79 584 · 76 584 · 71 584 · 72 584 · 66	584 · 11 584 · 09 584 · 06	584 · 11 584 · 16 584 · 21 584 · 19	583 · 81 583 · 81 583 · 81 583 · 79	584 · 21 584 · 20 584 · 20 584 · 20
26	584 · 22 584 · 23 584 · 32 584 · 53	585·49 585·86 585·46 585·78 585·68 585·37 585·57 585·43 585·86 585·37	585·72 585·51 585·46	583 · 30 584 · 59 584 · 49 583 · 96 583 · 91	583 · 66 583 · 76 583 · 16 583 · 31 583 · 21	584-33 584-31 584-31 584-56 584-58	584·73 584·71 584·66 584·71	584 · 11 584 · 16 584 · 21 584 · 19 584 · 17	583.91	583·79 583·79 583·79	$\begin{array}{c} 584 \cdot 20 \\ 584 \cdot 36 \\ 584 \cdot 22 \\ 584 \cdot 21 \\ 584 \cdot 21 \\ 584 \cdot 20 \end{array}$

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ELEVATIONS above M.S.L. of Mattawa River below Pimisi Bay, for 1906.

TABLE 73. No.

											TABLE	73. No.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
123455	584 · 26 584 · 31 584 · 29 584 · 26 584 · 26 584 · 21	585·81 585·71 585·66	585-91 585-86 586-01 586-73 585-52 585-26 585-91	584·96 584·92 584·87	585 · 06	583 · 39 583 · 41 583 · 41 583 · 41	583.96 583.91 583.85 583.76 583.69 583.66	584·07 584·05 584·02 584·03 584·04 584·04	584 · 49 584 · 51 584 · 54 584 · 56			
9 10 11 12 13 14	584 · 21 584 · 21 584 · 20 584 · 20 584 · 19 584 · 19	585·47 585·43 585·40 585·45 585·66 585·68	586-41 586-56 586-71 596-86 586-61 586-31	584·51 584·43 584·35 584·28 584·16 584·03	585 · 59 585 · 63 585 · 69	583·71 583·96 584·81 583·99 583·71	583 · 77 583 · 81	584 · 03 584 · 05 584 · 06 584 · 07 584 · 08 584 · 09				
16	584·71 584·91 585·21 585·66 585·71	585·70 585·71 585·73 585·81	586 · 21 586 · 03 585 · 93 585 · 77	584 · 18 584 · 21 584 · 21 584 · 21 584 · 21	585-21 584-91 584-71 584-51	583·41 583·39 583·36 583·34	583·92 583·93 583·94	584 · 10 584 · 11 584 · 13 584 · 15	584·41 584·40 584·38 584·36			
21	585-76 585-91 586-11 586-39 586-21	585-56 585-46 585-41 584-21 584-61 584-41	585.77 585.52 585.45 585.39	584-21 584-31 584-33 584-27 584-21	584-31 584-01 583-86 583-79 583-70	583·31 583·36 583·31 583·25 583·46	583-99 583-98 583-97 583-96	584 · 18 584 · 20 584 · 23 584 · 25	584 · 33 584 · 31 584 · 27 584 · 25 584 · 25			
27 28 29 30 31	586 · 19 585 · 97 585 · 97	584 · 61 584 · 96 585 · 46 585 · 66	585 · 25 585 · 21 585 · 13 585 · 11	584 · 20 584 · 26 584 · 41 584 · 51	583 · 61 583 · 55 583 · 51 583 · 44 583 · 41	583 · 73 583 · 99 584 · 05	584·15 584·12 584·11 584·09	584·31 584·35 584·39 584·43	584 · 23 584 · 21 584 · 21			

ELEVATIONS above M.S.L. of Amable du Fond River at Booth's Farm, for 1905–06.

TABLE No. 74.

				TABLE No. 1	14.
1	753 · 22 · · · · · · · · · · · · · · · · ·	751 · 62	752·02 752·02 752·12 752·02 752·22 752·02 752·22 752·02 752·22 752·02 752·22 752·02	752-42 752- 752-42 752- 752-47 752- 752-42 752- 752-34 752-	·32 ·27 ·32
6	$\begin{array}{cccc} 752 \cdot 02 & 752 \cdot 02 \\ 752 \cdot 12 & 751 \cdot 92 \\ 752 \cdot 22 & 751 \cdot 72 \\ 752 \cdot 12 & 751 \cdot 52 \\ 752 \cdot 22 & 752 \cdot 12 \\ \end{array}$	751·42 751·52 751·42 751·62 751·32 751·62 751·32 751·62 751·32 751·62	752·12 752·02 752·02 752·07 751·82 752·07 751·72 752·07 751·72 752·07	752-32 752- 752-32 752- 752-32 752- 752-32 752- 752-32 752-	42 42 37
11. 12. 13. 14. 753.92 14. 753.72	752·42 752·22 752·52 752·17 752·52 752·12 752·42 752·04 752·47 752·04	751·37 751·62 751·47 751·62 751·42 751·52 751·42 751·52 751·32 751·57	$\begin{array}{cccc} 751 \cdot 62 & 752 \cdot 07 \\ 751 \cdot 72 & 752 \cdot 10 \\ 751 \cdot 62 & 752 \cdot 10 \\ 751 \cdot 62 & 752 \cdot 02 \\ 751 \cdot 62 & 752 \cdot 02 \\ \end{array}$	752-32 752- 752-32 752- 752-32 752- 752-37 752- 752-42 752-	37 37 40
16. 753-22 17. 753-12 18. 753-22 19. 753-22 20. 753-12	752·32 751·52 752·22 751·42 752·37 751·72 752·37 752·02 752·42 752·02	751-32 751-62 751-42 751-62 751-52 751-62 751-77 751-62 751-82 751-62	$\begin{array}{cccc} 751 \cdot 62 & 752 \cdot 12 \\ 751 \cdot 72 & 751 \cdot 92 \\ 751 \cdot 82 & 751 \cdot 92 \\ 751 \cdot 82 & 751 \cdot 92 \\ 751 \cdot 82 & 752 \cdot 22 \end{array}$	752-37 752- 752-34 752- 752-34 752- 752-37 752- 752-42 752-	44 42 40
21 753.02 22 753.02 23 753.22 24 753.22 25 753.02 75 753.02	752·37 751·72 752·42 751·72 752·47 751·82 752·47 751·72 752·02 751·62	$\begin{array}{cccc} 751 \cdot 82 & 751 \cdot 57 \\ 751 \cdot 72 & 751 \cdot 57 \\ 751 \cdot 82 & 751 \cdot 57 \\ 751 \cdot 82 & 751 \cdot 62 \\ 751 \cdot 82 & 751 \cdot 82 \end{array}$	$\begin{array}{cccc} 751 \cdot 92 & 752 \cdot 22 \\ 751 \cdot 92 & 752 \cdot 32 \\ 751 \cdot 92 & 752 \cdot 62 \\ 751 \cdot 92 & 752 \cdot 42 \\ 752 \cdot 02 & 752 \cdot 52 \end{array}$	752·47 752·4 752·34 752·4 752·32 752·4 752·34 752·8 752·34 752·6	42 42 52
26. 752.92 27. 752.72 28. 752.73 29. 752.43 30. 752.42 31. 752.32	752-02 751-97 752-02 751-82 751-82 751-82 752-02 751-62 751-92 751-62 751-32	751·77 751·82 751·72 751·82 751·62 751·82 751·62 751·82 751·62 751·82 751·72 751·92 751·72	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	752·34 752·3 752·34 752·3 752·37 752·8 752·7 752·7	92 87 82 72

6 GEORGE V, A. 1916

Elevations above M.S.L. of Amable du Fond River at Booth's Farm, for 1906.

TABLE No. 7

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	752·42 752·32 752·32 752·12 752·02	754 · 24 754 · 72 756 · 56 756 · 40 756 · 24	754 · 99 754 · 82 754 · 72 755 · 23 755 · 22	754 · 18 753 · 92 751 · 72 753 · 72 753 · 62	752·72 752·47 752·32 752·12 752·02	750·32 750·27 750·22 750·12 750·12	750 · 57 750 · 51 750 · 51 750 · 51 750 · 52	750 · 50 750 · 50 750 · 47 750 · 50 750 · 47	751-12			
6	751·72 751·52 751·22 751·22 751·22	756 · 27 756 · 32 755 · 09 754 · 68 754 · 71	755 · 19 754 · 93 755 · 24 755 · 01 754 · 27	753 · 32 750 · 87 750 · 87 750 · 82 750 · 77	751 · 92 751 · 77 751 · 62 751 · 60 751 · 72	750 · 12 750 · 02 750 · 82 750 · 72 750 · 62	750 · 52 750 · 62 750 · 72 750 · 92 750 · 77	750-47 750-47 750-47 750-50 750-47	751·02 750·97 750·92 750·97 751·02			
11	751 · 25 751 · 32 751 · 37 751 · 52 751 · 72	754 · 72 754 · 72 755 · 02 754 · 92 754 · 82	754 · 87 754 · 77 752 · 02 751 · 37 751 · 32	750 · 77 750 · 87 750 · 83 750 · 84 751 · 12	751·72 751·72 751·57 751·57 751·22	750 · 62 750 · 60 750 · 62 750 · 57 750 · 52	750 · 62 750 · 57 750 · 52 750 · 47 750 · 47	750 · 50 750 · 47 750 · 50 750 · 52 750 · 52	751-02 751-02 751-02 751-07 751-07			
16	751-92 752-12 752-32 752-42 752-47	754 · 72 754 · 72 754 · 79 754 · 77 753 · 12	751-52 751-82 751-72 755-37 755-37	751·32 752·97 752·82 752·82 752·77	$\begin{array}{c} 750 \cdot 22 \\ 750 \cdot 17 \\ 750 \cdot 12 \\ 750 \cdot 12 \\ 750 \cdot 22 \end{array}$	750 · 52 750 · 52 750 · 52 750 · 54 750 · 57	750·47 750·45 750·42 750·62 750·57	750·52 750·52 750·52 750·57 750·52	751 · 12 751 · 07 751 · 02 751 · 07 751 · 10			
21 22 23 24	752·52 752·62 753·42 753·52 754·12	754 · 84 754 · 89 755 · 18 755 · 43 754 · 81	755 · 09 754 · 77 754 · 57 751 · 92 751 · 82	752·72 752·72 752·67 752·22 751·62	$\begin{array}{c} 750 \cdot 22 \\ 750 \cdot 27 \\ 750 \cdot 42 \\ 750 \cdot 32 \\ 750 \cdot 22 \end{array}$	750 · 57 750 · 65 750 · 67 750 · 67 750 · 65	750·52 750·47 750·42 750·47 750·62	750·52 750·57 750·62 750·57 750·52	751-12			
26. 27. 28. 29. 30.	754·52 753·02 752·62 751·92 753·30	755-42 753-32 755-12 755-26 755-20 755-14	751-82 754-20 754-14 754-02 754-12	751 · 52 751 · 52 751 · 47 751 · 52 753 · 07 752 · 92	$\begin{array}{c} 750 \cdot 32 \\ 751 \cdot 22 \\ 750 \cdot 92 \\ 750 \cdot 72 \\ 750 \cdot 52 \\ 750 \cdot 42 \end{array}$	750·62 750·67 750·72 750·72 750·67	750 · 72 750 · 62 750 · 64 750 · 54 750 · 52 750 · 50	750 · 52 750 · 57 750 · 57 750 · 62 750 · 62	751 · 17 751 · 17 751 · 27			

Elevations above M.S.L. of Manitou Lake, for 1905-06.

TABLE No. 76.

	112022 110.10.
	1123-34
	1120-04
2	1123-14 1123-34 1123-04
3	1124.04
9	1100 14 1100 04 1100 44
4	1123-14 1123-34 1123-44
5	

6	1123-14 1124-04 1124-04
7	1123-04 1123-34
0	1123-44 1123-34 1124-04
8	1123-44 1123-34 1124-04
9	1123-44
10	
10	
11	1123-04 1123-44 1123-44
19	1123-34 1123-14
12	1123-34 1123-14
13	
14	1123-14 1123-34
18	1102 14 1102 24
10	1123-19 1123-34
16	1123 - 04 1123 - 34 1123 - 44
177	1123 - 34 1123 - 54
. M	1120'04 1120'04
18	1123 24 1123 04 1123 44
19	
20	1123 - 24 1123 - 24
20	1123-24 1123-24 1123-34 1123-34 1123-44
21	1123-34
00	1100 04
22	1123-24 1123-44
23	1123 - 34 1123 - 34
24	
27	
25	1123 · 24 1123 · 34 1123 · 34
26	1123 - 44
	1140.49
27	
28	1123-14 1123-34
29	
30	1123-44 1123-54 1124-34
VA	

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Elevations above M.S.L. of Manitou Lake, for 1906.

TABLE No. 77.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	1124 - 44	1127 - 04	1126 · 14	1124-94	1123-34	1122 - 24	1121-94	1122 - 24	1123-04			
6	1124-64	1127 - 04	1126-04	1124.74	1123 - 24	1122 - 14		1122-34	1123-04			
11		1126-84		1124 - 34	1122.74	1122-04	1122-04	1122-44	1123 · 14			
16	1125-64	1126-84		1124 - 14	1122-64	1121-94	1122.04	1122 - 44	1123-24			
21	1126-34	1126-54	1125-44	1123 - 84	1122-34		1122.04	1122.54	1123 · 34			
26	1126 - 44	1126-24	1125 · 14	1123 · 54	1122-24	1121-94		1122-84				

Elevations above M.S.L. of Three-Mile Lake, for 1905-06.

TABLE No. 78.

	 	1220-57	1220 · 57	1220-07
			1220-57 1220-67 1219	87
		1220-37	1220-57	
		1220.37	1220 - 67 1219	1219 · 97
	 		1990.57 1990.57	
2		1220 - 57	1910	1.87 1990.47
5			1220 - 57 1220 - 57	
3	[
3				
)				
1		1220-57	1220-57 1220-47	
4		1220-57	1220·57	97
6		1220 - 57	1220.37	
3		1220 · 57 1220 · 57 1220 · 57	1220-57 1220	0.07 1220.47 1220
)				

6 GEORGE V, A. 1916

Elevations above M.S.L. of Three-Mile Lake, for 1906.

TABLE No. 79.

												No. 19
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1			1220 · 97		1220-07		1220-17	1220-57				
4	1220-47	1220 - 97			1220-07							
6	1220 - 57				1219-97							
7 8		1221-07	1221-07				1220 - 17	1220 - 57				
10	1220 - 67			1220 - 57	1220-27							
11 12 13	1220 - 67	1221-07	1220-97	1220-47		1220-17	1220 - 27	1220 - 57				
14		1221-07	1220-97		1220 · 27	1220 · 17						
16 17	1220-67				1220 - 27		1220 · 37	1220 - 57	1000 07			
18 19 20	1220 - 77		1220 · 87				1 220.37	1220-57				
21		1221.07	1990.87		1220-17	1220 - 17			1220 - 67			
2324							1220.37					
26							1220-57		1220.77			
27 28		1220-97	1220-67		1220-27	1220-17			1220-77			
30 31					1220 - 27		$1220 \cdot 57$	1220 - 67				

Elevations above M.S.L. of Tea Lake, for 1905-06.

TABLE No. 80

	TABLE No. 8
2 34	1181-01 1181-11 1181-21 1182-91
6	1180-91 1181-11 1181-21 1182-01 1183-1183-1183-1183-1183-1183-1183-118
11 12	
16	1180-91 1181-21 1183-41
21	1181 - 21
26 27 28	

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Elevations above M.S.L. of Tea Lake, for 1906.

											TABLE	No. 81.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	1184-21	1184-51		1182-41	1181-21	1180-91	1180-61	1181-01				
8		1184-31	1183 - 41		1181-11	1180-91	1180-61	1180-91				
11	1184-11		1183 - 21	1181-96	1181-11	1180 - 81	1180 - 71	1180-91				
16	1184-11	1184-11	1182-81	1181-81	1181-11	1180-71	1180-81		1180-91			
21		1183-91	1182-81	1181-41	1181-01		1180-81	1181-01				
26		1183-61	1182 · 61	1181-31	1181-11	1180-61	1181-01	1181-01	1181-31			

Elevations above M.S.L. of Koskoqui Lake, for 1905-06.

TABLE No. 82.
988-72 988-91 989-13
988-72 988-91 989-13 989-06 989-11 988-71 988-92 989-11 989-61 988-92 989-12 989-11 989-61
988-72 988-93 989-11 989-13 988-78 989-01 989-11 989-11 989-13 988-78 989-10 989-11 989-13
989-03 989-11 989-11 989-11 988-79 989-03 989-03 989-61 989-11 989-11
988-82 989-03 989-61 989-09 988-82 989-03 989-31 989-41 989-06 988-81 989-11 989-41 989-06
988·81 989·21 989·01 989·01 989·03 989·81 989·01 989·01 989·03 989·81 989·01 989·01
988-86 989-18 989-06 989-19 989-03 988-86 989-18 989-16 989-16 989-16 989-16 989-11 989-11

31.....

6 GEORGE V, A. 1916

Elevations above M.S.L. of Koskoqui Lake, for 1906.

TABLE No. 83

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2	989-11	991 · 56		989-46	988-16	987-83			987:30			
6		991.05	990-16		987-77	987-86		987·13	987-46			
8 9 10	989·01 989·13	991·11 991·04	989-91		987 - 54	987-86	987 - 29		987 - 50			
12 13 14 15	989-41	991.06	990-26	989-31	987-42 987-47	987·83 987·81	987·23	987·11	987 - 56			
16	990-41	991·03 991·11	991.91	989-49 989-41 989-23	987-49	987·76	987·11 987·13		987-63			
21	990-97	991 - 41		989-11	987-62		987-13	987·09	987-66			
24 25 26 27	990-97	991-16	990-41	989-01	987 - 74	987-51		987 · 18				
28	991-40	991-39	990.01		987-81	987-40	987 · 15					

ELEVATIONS above M.S.L. of Mattawa River above power-house at Plain Chant Chute, for 1906. TABLE No. 84.

519-13 516 · 96 517 · 06 517 - 26 517-96 517-96 518-16 519-66 517 · 26 517 · 16 517 · 06 517 · 06 517 · 06 519.58 518·83 519·08 518 - 26 520 - 13 519.58 516 - 96 517.86 517 · 86 517 · 76 519·49 519·75 517.06 517.06 519.83 519.08 520.73 518 - 83 519.93 519-66 517-06 518 - 83 520.43 518·83 518·73 518·43 519.66 517·06 517·06 517·06 516.96 516.76 516.96 517·56 517·56 517·56 520 · 43 520 · 73 519·83 519·83 520 - 43 519.66 10. $\begin{array}{c} 517\cdot 06 \\ 517\cdot 06 \\ 517\cdot 06 \\ 517\cdot 26 \\ 517\cdot 36 \end{array}$ 517-46 517-56 517-56 517-46 517 · 43 517 · 73 517 · 73 517 · 83 520 - 13 519-83 517-46 517-46 517-46 517-46 517-46 517-36 520 - 43 519.83 520 - 43 518 · 43 517 · 83 519.83 517-46 519.83 517 · 26 517 · 26 517 · 26 517 · 26 $517 \cdot 36$ $517 \cdot 36$ $517 \cdot 26$ $517 \cdot 36$ 519.73 517.83 519·43 520·73 520·43 518 · 13 518 · 73 519 · 13 517 · 16 517 · 06 514-17 516.96 520 - 73 519-13 514 - 50 20 517 · 36 517 · 36 517 · 46 517 · 46 517 · 56 520 - 43 517-26 518 - 93 514 - 83 516-46 517 · 46 517 · 66 517 · 66 518 - 93 516 - 36 516.36 519.58 519·43 519·73 515·83 516·00 516.36 516 - 36 517-96 517 - 56 517-96 519.38 519.43 517 · 76 517 · 86 517 · 96 519·58 519·58 519 · 13 518 · 13 518 · 83 516·33 516·58 516 · 76 517 · 16 517 · 16 518 - 16 518 - 26 28 29 30 519.33 516-96 517-26 518.06 518.06 518-26

519-08 516.96

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ELEVATIONS above M.S.L of Mattawa River above power-house at Plain Chant Chute, for 1908.

TABLE No. . 85.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
			520-46	517.96								
1			520-46	517 - 96								
3			520.46	311.30								
4			520 - 26									
			520 - 26									
V			020.20									
6			520 - 26									
7			519-66									
8			519-46									
9		520.81	519-46									
10			519-66									
11		520.82	519-26									
12			519-16									
13		520.82	518.76									
14			519.76									
15		520.83	519.76									
16		520.81	519.76									
17			519.76									
18		520 - 96	519 - 76									
19		520.86	519.46									
20		520.76	519.36									
01		500 40	710 10									
21		520 - 46	519 - 46									
22		520 · 36 520 · 26	519 - 36									
23			519 - 26									
2425		520 · 06 519 · 96	519·06 518·86									
25		919.90	518.80									
26		519-86	518.36									
27		519.86	517.06									
28		519.96	516-46									
29		519.96	517 - 06									
30		520.06	517 - 46									
31		520.36	011.40									
		020.00										

ELEVATIONS above M.S.L. of Mattawa River above power-house at Plain Chant Chute, 1914–15.

TABLE No. 86.

3		518-	22 517 · 92 518 · 59 22 517 · 92 518 · 80	518-13 518-38 518-17 518-38	518·51 518·51 518·51
5	 	518-	13 518-04 518-97	518-17 518-38	518·5 518·5
8		518-	09 518·17 518·84 09 518·26 518·76 22 518·26 518·67	518·17 518·38 518·17 518·38 518·26 518·38	518·5 518·5 518·5 518·5 518·5
3		518- 518- 518-	72 518·17 518·51 72 518·17 518·47 72 518·17 518·47	518·26 518·38 518·26 518·38 518·26 518·42	518·5 518·5 518·4 518·4 518·4
9		518- 518- 518-	63 518-55 518-30 59 518-59 518-26 59 518-63 518-22	518·30 518·47 518·34 518·47 518·38 518·47	518-4 518-4 518-4 518-4 518-4
2 3 4		518-42 518- 518-34 518- 518-34 518-	30 518·59 518·26 22 518·59 518·26 34 518·55 518·26	518·42 518·47 518·42 518·47	518 · 3 518 · 3 518 · 4 518 · 4 518 · 5
26 27 27 28 88 29 30		518-26 518- 518-26 518- 518-22 517- 518-26 517-	17 518·47 518·09 05 518·51 518·09 97 518·59 518·09 92 518·55 518·09	518·42 518·47 518·42 518·47 518·42 518·47 518·42 518·42 518·42 518·38	518 · 6 518 · 6 518 · 5 518 · 5 518 · 5 518 · 5

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Mattawa River below power-house at Plain Chart Chute, for 1906.

TABLE No. 87

			-				-	-				1101 01
Day.	April.	May	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1				499 - 46	$497 \cdot 56$	496 - 86	496-86	497-06				
2				499.46	497 - 56	496.96	496 - 96	497-06				
3				498-86	497.56	496 - 96	496-96	497.06				
4			499.76	498-56	497.56	496.86	496-86					
5			500 - 46	498 · 56	498 - 16	496.86	496-86	496-96				
6			500-46	498 - 56	497-98	496 - 86	496-86	496 - 96				
7			501 - 16	498 - 56	497-98	496-96	496-96	496-96				
8			501 - 16	498-46	498 - 14	496-96	496-96	496-96				
9			501-46	498-36	498-06	496-86	496-96	496-96				
10			501 - 56	498-16	498-06	496-86	496-96	496 - 96				
11			501 - 46	497-56	497-98	496-86	496-96	496-96				
12			501 - 56	497.39	498-26	496-86	496-96	496.96				
13			501.56	497.31	498 - 16	496 - 86	496.96	496.96				
14			501-46	497-31	499-16	496.96	496.96	496.96				
15			501.56	497.31	498-96	496 - 96	496.96	496.96				
16			501 - 56	497-06	498-16	496-96	496 - 86	496-96				
17			501 - 56	497-06	497.56	496.86	496.86	496-96				
18			501-16	497-31	497 - 16	496-86	496 - 86	496.96				
19			501 - 56	497-31	497 - 16	496.86	496 - 96					
20			501.46	497.31	496.56	496.86	486.96	496 - 96				
21			501 - 16	497-39	496.81	496-86	496-96	496-96				
22			501 - 16	497 - 56	496.96	496.86	486-96	496-96				
23			501 - 16	497.56	497.06	496-86	495.96	496-96				
24			501 - 16	497 - 56	496.89	496-86	496-96	496-96				
25			501 - 16	498 · 16	496.96	496.86	496 - 96	497.06				
0.0								40W 00				
26			500 - 86	497.86	496-98	496-86	496-96					
27			499.56	497.98	496.98	496-86	497-06					
28			499.56	498-56	496.98	496-86	497-06	497 - 16				
29			499-46	$497 \cdot 48$	496.98	496-86	497.06	497-16				
30			499.46	$497 \cdot 56$	496.96	496.86	497.06					
31				$497 \cdot 56$	496.96		497-06					

ELEVATIONS above M.S.L. of Mattawa River below power-house at Plain Chant Chute, for 1908.

Table No. 88.

TABLE No. 88.

					TABLE No. co.
1					
2					
3	504.31				
5					
0	304.31				
6	504 - 23				
7					
8					
9	501 - 16 503 - 98				
10	503 - 89				
11	501.36 503.64				
12	503 - 23				
13	501.36 503.23				
14	502.89				
15	501.46 503.06				
10	501-46 502-98				
16 17	502.98				
18	503.06 502.56				
19	503-14 502-31				
20	503.31 502.06				
201111111111111111111111111111111111111	000 01 002 00				
21	503 - 31 501 - 98		I J		
22	503 - 23 501 - 73				
23	503 - 23 501 - 31			L	
24	503-48 501-14				
25	503 - 39 501 - 06				
		1			1
26	503 - 31 501 - 22				
27	503·31 500·64 503·39 500·56				
28	503.48 499.96				
30	503.64 499.96				
31	504.06	1			
01	304.00				

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ELEVATIONS above M.S.L. of Mattawa River below power-house at Plain Chant Chute, for 1914-15.

											TABLE	No. 89.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3							496 · 25 496 · 21 496 · 25 496 · 25	496 · 25 496 · 25 496 · 30 496 · 25	496·40 496·45 496·55 496·60	496 · 25 496 · 25 496 · 25 496 · 25	496·30 496·30 496·30 496·30	496-35 496-35 496-35 496-35
5							496·21 496·25	496·30 496·30	496-65	496·25 496·25	496 - 30	496·35 496·35
6							496 · 25 496 · 25 496 · 25 496 · 38	496.40 496.30 496.30 496.30	496-50 496-45 496-45 496-40	496 · 25 496 · 25 496 · 25 496 · 25	496·30 496·30 496·30 496·30	496 · 35 496 · 30 496 · 30 496 · 30
11 12							496·33 496·38	496·30 496·30	496·35 496·35 496·35	496·25 496·25	496·30 496·30 496·30	496·30 496·30 496·30
13 14 15						496·42 496·42 496·40	496·42 496·42 496·38	496-30 496-30 496-30	496 · 25 496 · 25	496 · 25 496 · 25 496 · 25	496 · 30 496 · 30	496·30 496·30
16						496·33 496·33 496·31 496·31	496·38 496·38 496·33 496·33	496·30 496·35 496·40 496·40 496·40	496·30 496·30 496·30 496·30 496·25	$496 \cdot 25$ $496 \cdot 25$ $496 \cdot 25$ $496 \cdot 25$ $496 \cdot 30$	496·30 496·30 496·30 496·30	496·30 496·30 496·25 496·25 496·25
21 22 23 24 25						496·31 496·29 496·29 496·33 496·33	496 · 29 496 · 29 496 · 25 496 · 25 496 · 25	496.40 496.35 496.35 496.35 496.35	496 · 25 496 · 25 496 · 25 496 · 25 496 · 25	496 · 30 496 · 30 496 · 30 496 · 30 496 · 30	496-30 496-30 496-35 496-35	496 · 25 496 · 25 496 · 30 496 · 30 496 · 30
26. 27. 28. 29						496·33 496·25 496·25 496·25	496 · 25 496 · 25 496 · 25 496 · 25	496·35 496·35 496·35 496·40	496 · 25 496 · 20 496 · 20 496 · 20		496-35 496-35 496-35	496·35 496·35 496·35 496·35
30						496-25	496·21 496·25	496-40	496·20 496·20			496·30 496·30

Elevations above M.S.L. of Ottawa River at Mattawa, for 1906.

			-			TABLE	No. 9
	498-90 500-4	4 498-80	495.56				
	499-30 500-4	498-60	495.50				
	499 - 63 500 - 4		495-43				
	499.90 500.5		495.35				
	500 - 27 500 - 6	498-10	495.30				
	500-60 500-6	5 498-00	495-25				
	500.97 500.7	5 497 - 90	495 - 18				
	501 - 25 500 - 8		495.00				
	501-43 500-9		494-97				
	501 - 50 501 - 0	497.60	494.95				
	501.47 501.0		494-92				
	501.50 501.1						
	501.3	5 496-95					
	501 · 4	497-00					
	501 - 44 501 - 6						
	001 11 001 0	100 00					
	501 - 20 501 - 6	496-50					
	501 - 10 501 - 2						
	501.06 500.8						
	501.00 500.4						
	501.00 499.8	496-10					
	500 - 90 499 - 6	3 496-10					
	500.80 499.4						
	500.73 499.1						
	500 - 65 499 - 2						
498 - 40	500.65 499.0						
	500 - 50	495-65					

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L of Ottawa River at Mattawa, for 1908.

TABLE No. 91.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1			503.85									
2			504-00 503-95									
3			504-00									
5			503 - 93									
			000 00									
6												
7												
8		499 - 20										
0		499.20										
0												
1		500 - 20										
2		501.50										
3		502-00	200 07									
5		502·10 502·30										
3		302-30	302.04									
6		502 - 40	502.73									
7		502.30	502-48									
8		502.50	502 - 22									
9		502 · 55 502 · 70	501.93									
.0		502 - 70										
1		502 - 82										
2		502 - 80										
3		502.85										
4		502.92	501.05									
5		502.98	500.83									
6		503-02	500-60									
7		503.13	000.00									
8		503 - 13										
9		503 - 19										
0		503-35										
1		503 - 75										

Elevations above M.S.L. of Ottawa River at Mattawa, for 1909-10.

No. TBALE 92 497 · 20 497 · 30 497 · 50 507-00 496-65 496-00 494.85 492.80 496.55 496.55 496.55 492 · 55 492 · 55 506 · 80 506 · 60 499 · 70 499 · 50 496-65 496-65 496-00 495.65 495.75 495.75 495.75 494 · 80 494 · 75 492 · 80 492 · 80 496.00 497-60 506.20 499.30 496.00 495-60 494 - 60 496-65 497.70 506.10 496-65 496.00 495.55 495.75 494 - 60 497-80 498-90 496-65 495.70 496.00 495 - 55 496-60 492.75 492.75 492.75 492.70 492.70 497.90 497.90 505-40 498.70 495 · 50 495 · 50 496-65 496.00 496-55 495-65 498 - 50 496-65 496.00 496-50 494.55 498-10 504 - 95 498-30 496 · 65 496 · 70 496·10 496·10 495.45 495.50 496.50 405.60 494 - 40 504-50 499-10 498-00 496.45 495-60 494-45 492.55 494-00 499.40 498-10 406.50 495 - 60 494.35 492.70 494 · 30 494 · 40 499 · 80 500 · 10 504 · 00 503 · 70 498.00 497.80 497.60 496·40 496·30 496·10 496·10 495 · 55 495 · 55 496 · 40 496 · 30 495-60 494 · 35 494 · 35 492.70 492.65 494.60 $496 \cdot 20$ 494 - 70 496-25 495.90 494-90 495-80 495 - 65 495.70 495.70 495.75 495.75 495.00 495.30 495.60 502 · 60 502 · 80 504 · 00 502·70 502·50 502·30 497.05 497.00 496-30 495-50 494-15 492 - 60 496.30 496.00 495.80 495-40 496.90 496 - 30 496-00 495 - 85 495-45 504 - 60 496.80 496-30 496-00 495.85 495-45 495-80 505.30 501.00 406.30 494·10 492·95 102.55 102.80 496.80 $495 \cdot 80$ 495-40 505-90 492.90 501 - 60 496.70 496.70 496 · 20 496 · 20 495.90 495.80 495-80 495 - 40 496-00 495.85 495.35 492.90 495.85 496 - 40 506-30 492.90 496.70 500.90 496-60 496 - 10 495.80 496-00 495 - 90 495.35 492 - 85 492.55 493 - 10 495 · 25 495 · 20 495 · 20 495 · 20 496-80 500-70 507 · 13 507 · 40 507 · 70 507 · 30 507 · 50 495.75 495.75 495.70 496 · 20 496 · 30 496.80 496 · 85 496 · 70 496 - 90 496-00 29..... 492 - 80 496-90 499-90 496-00 496 - 40 495 - 90 497-00 30..... 496-60 495.90 492 - 80

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Elevations above M.S.L. of Ottawa River at Mattawa, for 1910-11.

TABLE No. 93;

											THUME	.10. 907
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	493 · 80 493 · 80 494 · 00 494 · 70 495 · 40	499·30 499·34 499·37 499·46 499·48	499 · 46 499 · 40 499 · 35 499 · 30 499 · 26		494 · 60 494 · 55 494 · 55 494 · 55 494 · 55	494·30 494·30 494·30 494·30 494·30	493 · 66 493 · 66 493 · 76 494 · 36 494 · 06	496·16 496·21 496·26 496·31 496·36	496·11 496·01 495·76 495·71 495·61	494·35 494·30 494·25 494·15 494·15	493 · 20 493 · 20 493 · 15 493 · 05 493 · 05	492 · 20
6 7. 8 9	495 · 80 496 · 10 496 · 40 496 · 60 496 · 80	499 · 50 499 · 55 499 · 55 499 · 67 499 · 60	499 · 25 499 · 25 499 · 13 499 · 05 498 · 85	495-65	494 · 55 494 · 55 494 · 55 494 · 50 494 · 50	494 · 40 494 · 35 494 · 30 494 · 25 494 · 25	494 · 21 494 · 36 494 · 46 494 · 61 494 · 71	496·41 496·46 496·46 496·51 496·56	495.51 495.46 495.41 495.36	$\begin{array}{c} 494 \cdot 10 \\ 494 \cdot 05 \\ 494 \cdot 05 \\ 494 \cdot 05 \\ 493 \cdot 95 \end{array}$	493 · 05 493 · 05 492 · 95 492 · 95 492 · 95	492·30 492·30 492·80 493·30 493·30
11. 12. 13. 14. 15.	496-95 497-10 497-20 497-30 497-40	499 · 60 499 · 50 499 · 40 499 · 30 499 · 20	498 · 75 498 · 65 498 · 55 498 · 35 498 · 35	495 · 60 495 · 55 495 · 50 495 · 45 495 · 40	494 · 50 494 · 50 494 · 45 494 · 45 494 · 45	494 · 15 494 · 15 494 · 15 494 · 10 494 · 10	$494 \cdot 86$ $494 \cdot 96$ $495 \cdot 06$ $495 \cdot 16$ $495 \cdot 21$	$496 \cdot 56$ $496 \cdot 58$ $496 \cdot 56$ $496 \cdot 56$ $496 \cdot 51$	$\begin{array}{c} 495 \cdot 31 \\ 495 \cdot 26 \\ 495 \cdot 16 \\ 495 \cdot 11 \\ 495 \cdot 06 \end{array}$	493-80	492.95	493 · 40 493 · 50 493 · 50 493 · 50 493 · 60
16. 17. 18. 19. 20.	497 · 50 497 · 69 497 · 70 497 · 80 497 · 90	499.05 498.90 498.80 498.68 498.58	498-04 498-00 497-80 497-58 497-70	495·35 495·25 495·20 495·10 495·00	494 - 40 494 - 35 494 - 30 494 - 25 494 - 20	$\begin{array}{c} 494 \cdot 50 \\ 494 \cdot 50 \\ 494 \cdot 50 \\ 494 \cdot 50 \\ 494 \cdot 50 \end{array}$	495·26 495·31 495·36 495·41 495·46	496 · 46 496 · 51 496 · 61 496 · 76 497 · 01	$\begin{array}{c} 495 \cdot 01 \\ 494 \cdot 96 \\ 495 \cdot 36 \\ 495 \cdot 36 \\ 494 \cdot 86 \end{array}$	493 · 65 493 · 60 493 · 55		493 · 60 493 · 70 493 · 70 493 · 70 493 · 70
21 22 23 24 25	498.00 498.00 498.10 498.20 498.30	498 · 65 498 · 65 498 · 70 498 · 75 498 · 80	497·50 497·45 497·40 497·30 497·10	494 · 95 494 · 90 494 · 90 494 · 90 494 · 85		494 · 10 494 · 10 493 · 90 493 · 85 493 · 80	$495 \cdot 51$ $495 \cdot 56$ $495 \cdot 61$ $495 \cdot 66$ $495 \cdot 71$	496-96 496-86 496-76 496-66 496-66	494 · 86 494 · 76 494 · 66 494 · 71 494 · 66	493 · 55 493 · 45 493 · 45 493 · 40 493 · 40		493 · 70 493 · 60 493 · 60 493 · 60 493 · 60
26 27 28 29 30 31	498·50 498·70 498·90 499·10 499·25	499·05 499·16		494 · 80 494 · 75 494 · 70 494 · 65 494 · 65	494 · 50 494 · 45 494 · 40 494 · 35	493 · 80 493 · 80 493 · 80 493 · 80 493 · 80	$\begin{array}{c} 495 \cdot 76 \\ 495 \cdot 86 \\ 495 \cdot 96 \\ 496 \cdot 06 \\ 496 \cdot 06 \\ 496 \cdot 11 \end{array}$	496 · 56 496 · 46 496 · 36 496 · 26 496 · 21	494 · 56 494 · 51 494 · 46 494 · 46 494 · 46 494 · 36	493.30		493 · 70 493 · 70 493 · 70 493 · 70 493 · 70 493 · 70

ELEVATIONS above M.S.L. of Ottawa River at Mattawa, for 1911-12.

TABLE No. 94 497·80 497·70 497·60 497·30 497·00 493 - 80 493.10 493-80 495-10 495-40 494.20 494-10 493.70 493.70 499.80 501 · 20 501 · 50 501 · 30 494.40 493.80 495·10 495·10 495·00 495.40 494-20 494 - 20 493·70 493·70 495·30 495·30 500 - 20 494.40 493.00 493.10 493 · 90 493 · 80 494 - 20 500-60 493.60 494.40 494 - 10 493 - 60 505 - 10 501 - 10 494 - 40 493.70 493.00 493 - 80 495.05 495.30 494 - 10 493-60 500-80 494-40 $^{493\cdot 70}_{493\cdot 70}_{493\cdot 70}$ 493.00 505 - 50 496.80 493 - 80 495.00 495.30 494.00 $494 \cdot 20$ 493.60 504.90 500.70 496.70 494 - 40 493-00 493.80 495.00 495·30 495·20 494 - 00 494 · 20 494 · 20 493.60 504-40 500 - 50 496.60 493.00 493 - 90 494.00 $493 \cdot 70$ 504 - 10 500·30 500·10 496.40 $494 \cdot 20$ 493.70 492.90 493.90 495 - 10 10..... 493 - 70 503.80 496.40 493 - 60 493 - 90 404.10 492.90 495.00 495.00 493-90 493.70 499.90 503 - 50 496.20 494-00 493-60 492.90 494.00 495-10 495.00 493.90 494 - 20 493·70 493·70 503·30 503·10 499·70 499·60 496-00 493 · 90 493 · 90 493 · 60 493 · 60 495 · 20 495 · 30 493.00 $494 \cdot 00$ 494.90 434.70 494.70 493.80 495-90 493.00 494.30 493 · 80 493 · 70 494.20 493.70 503-00 499-40 494 - 40 495 - 40 493.10 494 - 20 493-80 502.90 499.20 495.70 493-90 493 - 60 493.70 16 493-80 502-80 499-00 495-60 493.90 493.50 493-00 494-60 495.50 494.70 403.80 494.90 502·70 502·60 502·50 494.00 498-80 $495 \cdot 50$ 493 - 50 492.90 494.70 495.50 494.70 493 - 80 494 · 10 494 · 10 494.30 498-80 498-70 495.30 494.00 493 - 50 492-90 494 · 70 494 · 70 494 · 70 494 - 50 495-10 494 - 00 $493 \cdot 50$ 494 - 80 495.50 493 - 80 494.90 498-60 494 - 10 493.50 494-90 493 - 80 494 - 10 495-10 502 - 50 498-60 493 - 40 404.80 404.10 492.80 495-00 495.50 493.90 502 - 50 495.30 498-70 494.70 494 - 10 493-40 495.50 494·70 494·70 493 · 90 493 · 90 494 - 10 495.50 502-50 498-80 494-60 493 - 40 492.90 495.00 495-60 494 - 10 495.70 502 - 50 498-90 494 - 60 494.00 493 - 30 492.80 495.90 502-50 494-60 493 - 20 498-90 494.00 $495 \cdot 10$ 495-60 494-60 493.90 494.00 496 - 30 502.50 498-70 494-50 494-00 493.30 493-10 495 - 10 495-60 496 · 60 497 · 30 497 · 70 493·30 493·30 493 · 20 493 · 30 $494 \cdot 50$ $493 \cdot 90$ $495\cdot 10$ 495-60 494 - 50 494-10 495·20 495·20 498-40 494 - 40 493.90 495 · 60 495 · 50 494 - 40 $494 \cdot 10$ $493 \cdot 90$ 502 - 20 493 - 50 494.40 493.90 494 - 40 494 - 10 502 - 20 502 - 00 501 - 90 498 - 20 498-00 494.40 493.90 493 - 20 493-60 495 - 20 31..... 493 - 70 493 - 80 495 - 40 494.30 493 - 60

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Mattawa, for 1912-13.

TABLE No. 95

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
	493 - 36	497-96	503 - 26	498-86	496 - 36	494 - 76	494 - 06	495 - 36	495-16	495-06	495-06	495-4
3	493 - 26	498-66	503 - 26	498-66	496 - 26	494.66	494.06	495.46	495 - 16	495.06	495 - 06	495-4
	493 - 16	498-96	503.06	498.56	496 - 16	494 - 66	494 · 16	495-46	495 - 16	495.06	495.06	495-4
	493 · 16 493 · 06	498-96 498-96	502·96 502·96	498 · 36 498 · 26	496.06 495.86	494 · 66 494 · 66	494 · 16 494 · 26	495.46	495-16 495-16	495-06 495-06	495 · 06 495 · 16	495-3
i	493 - 16	498-96	502.76	498-06	495.76	494 - 76	494 - 26	495-56	495-16	495-06	495-16	495-
	493 - 56	499-16	502.86	497.76	495-66	494.86	494.36	495-86	495 - 26	495.06	495 - 16	495
	493 · 66 493 · 66	499 · 26 499 · 36	502 · 56 502 · 46	497-66	495 · 66 495 · 56	494-86	494 · 36 494 · 36	495-86 495-76	495-26	495.06	495-16 495-16	494 -
)	493.66	499.46	502.45	497-66	495-66	494.66	494-46	495.76	495-16	495.16	495-16	494-
1	493-66	499-36	502.06	497-16	495-66	494-66	494-46	495-76	495-16	495-16	495 - 26	494
	493-66	499 - 56	501-96	497.66	495-66	494 - 66	494 - 46	495 - 56	495.06	495 - 26	$495 \cdot 36$	494
	493 · 76 493 · 76	500 · 16 500 · 76	501-86 501-56	497-56	495-66	494 · 56 4°4 · 46	494 · 46 494 · 46	495·46 495·86	495-06 494-98	495 · 26 495 · 16	495·36 495·26	494
	493.86	500.86	501.36	497-46	495.46	494 - 36	494 - 56	496-16	494 - 96	495.16	495.26	494
	494 - 16	501.06	501-36	497-46	495.36	494.36	494 - 56	496.46	494-96	495.06	495-16	494
	494 - 46	501 - 26	501.36	497 - 36	495.26	494.06	494 - 56	496.36	494 - 96	495.06	495 · 16	494
	494 · 66 494 · 76	501·36 501·46	501·26 501·06	497·36 497·26	495 · 16 495 · 06	493.96 493.56	494·46 494·56	496 · 26 496 · 06	495.06 495.06	494 · 96 494 · 96	495 · 06 495 · 06	494 -
	494.76	501.56	500.96	497.06	494.96	493.46	494.56	495.86	495.06	494.96	495.06	494
	494.86	501.66	500-86	496.96	494.86	493 - 26	494-56	495-36	494.96	495-06	495-16	494
	494.86	501.96	500.76	496.96	494.86	493 · 16	494 - 56	495.36	494.96	495.06	$495 \cdot 26$	494 -
	495·36 495·56	502·16 502·36	500·46 500·16	496 · 83 496 · 66	494-86 494-86	493 · 26 493 · 36	494-65 494-86	495 · 26 495 · 26	494 · 96 494 · 96	495.06	495 · 36 495 · 56	494 -
	495-66	502.66	500.06	496-56	494.76	493 - 46	494 - 86	495-36	494 - 96	495 · 06 495 · 16	495 - 56	494
	495-66	502 - 46	500-06	496 - 56	494-76	493 - 56	494-96	495-36	494-96	495-16	495.56	494
	495.86	502.36	499-36	496.56	494 - 76	493-76	495-06	495-26	494.96	$495 \cdot 16$	$495 \cdot 56$	494
	496 - 26	502.66	499 - 26	496-36	494-76	493.86	495 - 16	495.26	494.96	495.06	$495 \cdot 46$	494
	496-66 497-26	503 · 26 503 · 36	499-16	496 - 36	494.76	493-96 493-96	495 · 16 495 · 26	495·16 495·16	494 · 96 494 · 96	495.06 495.06		494
		503.46	499.00	496-36	494.76	493.90	495 - 36	495.10	494-96	495.06		494

Elevations above M.S.L. of Ottawa River at Mattawa, for 1913-14.

ABLE No. 96.

										1	ADLE	NO. 90.
1 2 3 4 5	495·06 495·16 495·06 495·06 495·06	503 · 56 503 · 86 503 · 86 503 · 66 503 · 56	499 · 16 499 · 26 498 · 76 498 · 76 498 · 76	$\begin{array}{c} 496 \cdot 26 \\ 496 \cdot 06 \\ 495 \cdot 76 \\ 495 \cdot 76 \\ 495 \cdot 66 \end{array}$	495 · 16 495 · 16 495 · 16 495 · 16 495 · 06	494 · 76 494 · 86 494 · 76 494 · 66 494 · 56	494-06 494-06 494-16 494-06 494-08	495 · 06 495 · 06 495 · 06 495 · 06 495 · 16	497 · 66 497 · 66 497 · 86 497 · 96 497 · 96	496.06 495.96 495.96 495.86 495.86	$\begin{array}{c} 495 \cdot 06 \\ 495 \cdot 06 \\ 495 \cdot 06 \\ 495 \cdot 06 \\ 495 \cdot 06 \end{array}$	494 · 86 494 · 86 494 · 86 494 · 86 494 · 76
6	495-16 495-06 494-96 494-86 494-66	503 · 46 503 · 56 503 · 46 503 · 56 503 · 46	498-66 498-66 498-66 498-66	$\begin{array}{c} 495 \cdot 56 \\ 495 \cdot 56 \\ 495 \cdot 46 \\ 495 \cdot 36 \\ 495 \cdot 26 \end{array}$	495 · 06 495 · 06 495 · 06 495 · 06 495 · 06	494 · 66 494 · 56 494 · 46 494 · 46	494 · 06 493 · 96 493 · 96 494 · 06 494 · 06	$\begin{array}{c} 495 \cdot 16 \\ 495 \cdot 16 \\ 495 \cdot 26 \\ 495 \cdot 46 \\ 495 \cdot 56 \end{array}$	497-96 497-86 497-66 497-66	$\begin{array}{c} 495 \cdot 76 \\ 485 \cdot 76 \\ 495 \cdot 76 \\ 495 \cdot 66 \\ 495 \cdot 66 \end{array}$	$495 \cdot 16$ $495 \cdot 16$ $495 \cdot 26$ $495 \cdot 36$ $495 \cdot 46$	494 · 76 494 · 86 494 · 86 494 · 86 494 · 86
11	494 · 46 494 · 26 494 · 06 494 · 46 494 · 46	503 · 26 503 · 06 502 · 96 502 · 86 502 · 56	498 · 56 498 · 66 498 · 56 498 · 46 498 · 26	$\begin{array}{c} 495 \cdot 26 \\ 495 \cdot 16 \\ 495 \cdot 36 \\ 495 \cdot 36 \\ 495 \cdot 26 \end{array}$	495.06 495.06 495.06 495.06	494 · 46 494 · 36 494 · 36 494 · 36 494 · 36	494 · 06 494 · 26 494 · 06 494 · 16 494 · 16	495 · 56 495 · 56 495 · 66 495 · 66 495 · 66	$497 \cdot 66$ $497 \cdot 56$ $497 \cdot 56$ $497 \cdot 46$ $497 \cdot 36$	$495 \cdot 66$ $495 \cdot 56$ $495 \cdot 56$ $495 \cdot 46$ $495 \cdot 46$	495 · 46 495 · 46 495 · 46 495 · 46 495 · 46	495 · 06 495 · 26 495 · 26 495 · 26 495 · 06
16. 17. 18. 19. 20.	494 · 46 494 · 46 494 · 96 495 · 06 495 · 16	502 · 36 501 · 76 500 · 66 501 · 36 501 · 26	498 · 26 498 · 16 498 · 16 497 · 69 498 · 06	$\begin{array}{c} 495 \cdot 26 \\ 495 \cdot 26 \\ 495 \cdot 26 \\ 495 \cdot 16 \\ 495 \cdot 16 \end{array}$	494 · 96 494 · 86 494 · 86 494 · 86 494 · 76	494 · 36 494 · 26 494 · 26 494 · 26 494 · 26	494 · 16 494 · 16 494 · 16 494 · 16 494 · 16	495 · 66 495 · 76 495 · 76 495 · 86 496 · 16	497 · 26 497 · 16 497 · 16 497 · 06 496 · 96	$\begin{array}{c} 495 \cdot 16 \\ 495 \cdot 36 \\ 495 \cdot 26 \\ 495 \cdot 26 \\ 495 \cdot 16 \end{array}$	495 · 46 495 · 46 495 · 46 495 · 46 495 · 36	495 · 06 495 · 06 495 · 06 495 · 06 494 · 86
21 22 23 24 25	495 · 06 494 · 96 495 · 06 495 · 36 495 · 66	500 · 86 500 · 86 499 · 96 500 · 16 500 · 06	497 · 66 497 · 46 497 · 46 497 · 26 497 · 06	$\begin{array}{c} 495 \cdot 16 \\ 495 \cdot 26 \\ 495 \cdot 26 \\ 495 \cdot 26 \\ 495 \cdot 26 \end{array}$	494 · 76 494 · 86 494 · 86 494 · 86 494 · 86	494 · 26 494 · 26 494 · 26 494 · 26 494 · 06	494 · 26 494 · 26 494 · 46 494 · 46 494 · 66	496 · 66 496 · 76 497 · 26 497 · 46 497 · 76	496.86 496.86 496.76 496.76 496.66	495 · 16 495 · 16 495 · 06 495 · 06 495 · 06	495 · 36 495 · 36 495 · 26 495 · 16 495 · 16	494 · 66 494 · 66 494 · 66 494 · 56 494 · 56
26	495 · 76 498 · 26 500 · 16 502 · 06 502 · 66	499 · 96 499 · 86 499 · 46 499 · 36 499 · 36 499 · 26	497.06 496.96 496.96 496.66 496.46	$\begin{array}{c} 495 \cdot 26 \\ 495 \cdot 26 \\ 495 \cdot 26 \\ 495 \cdot 16 \\ 495 \cdot 16 \\ 495 \cdot 16 \end{array}$	494 · 86 494 · 96 494 · 86 494 · 76 494 · 76 494 · 76	494 · 26 494 · 26 494 · 26 494 · 26 494 · 06	$\begin{array}{c} 494 \cdot 66 \\ 494 \cdot 66 \\ 494 \cdot 76 \\ 494 \cdot 86 \\ 495 \cdot 06 \\ 495 \cdot 06 \end{array}$	497-86 497-86 497-66 497-66	$\begin{array}{c} 496 \cdot 56 \\ 496 \cdot 46 \\ 496 \cdot 26 \\ 496 \cdot 16 \\ 496 \cdot 16 \\ 496 \cdot 16 \end{array}$		494-96 494-86 494-86	$\begin{array}{c} 494 \cdot 56 \\ 494 \cdot 36 \end{array}$

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Mattawa, for 1914-15.

TABLE No. 97.

										1	ABLE	No. 97.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	494 · 26 494 · 16 494 · 16 494 · 16 494 · 16	497.86 497.86 498.06 498.06 498.46	497 · 26 497 · 06 497 · 16 497 · 16 497 · 16	496 · 46 496 · 36 496 · 26 496 · 16 495 · 96	494.06 494.06 494.06 493.96 493.86	492 · 86 492 · 86 492 · 86 492 · 86 492 · 86	492·36 492·36 492·36 492·06 492·06	492·16 492·16 492·16 492·16 492·16	492·46 492·56 492·56 492·56 492·56	492.66 492.66 492.66 492.66 492.66	492·76 492·76 492·76 492·76 492·76	492·86 492·86 492·86 492·86 492·86
6	$\begin{array}{c} 494 \cdot 16 \\ 494 \cdot 16 \\ 494 \cdot 16 \\ 494 \cdot 06 \\ 494 \cdot 06 \end{array}$	498·78 498·88 499·06 499·46 499·46	$\begin{array}{c} 497 \cdot 16 \\ 497 \cdot 16 \end{array}$	$\begin{array}{c} 495 \cdot 76 \\ 495 \cdot 66 \\ 495 \cdot 66 \\ 495 \cdot 66 \\ 495 \cdot 56 \end{array}$	493·76 493·66 493·66 493·66	492.96 492.96 492.96 492.96 492.86	491 · 96 492 · 06 492 · 06 492 · 06 492 · 06	$\begin{array}{c} 492\cdot06\\ 492\cdot06\\ 492\cdot26\\ 492\cdot26\\ 492\cdot26\end{array}$	492.56 492.56 492.56 492.56 492.56	492-66 492-66 492-66 492-66 492-66	492·76 492·76 492·86 492·86 492·86	492.86 492.86 492.86 492.86 492.96
11	$\begin{array}{c} 494\cdot06 \\ 494\cdot06 \\ 494\cdot06 \\ 494\cdot06 \\ 494\cdot06 \end{array}$	499 · 46 499 · 56 499 · 66 499 · 46 498 · 96	$\begin{array}{c} 497 \cdot 16 \\ 498 \cdot 16 \end{array}$	$\begin{array}{c} 495 \cdot 66 \\ 495 \cdot 46 \\ 495 \cdot 36 \\ 495 \cdot 26 \\ 495 \cdot 16 \end{array}$	493 · 56 493 · 56 493 · 56 493 · 56 493 · 46	492.86 492.86 492.86 492.86 492.66	482·06 491·96 492·16 492·16 491·96	$\begin{array}{c} 492 \cdot 26 \\ 492 \cdot 26 \end{array}$	$\begin{array}{c} 492\cdot 56 \\ 492\cdot 56 \\ 492\cdot 56 \\ 292\cdot 56 \\ 492\cdot 56 \end{array}$	492·66 492·76 492·76 492·76 492·76	492.86 492.86 492.86 492.86 492.86	492.96 492.96 492.96 492.96 492.96
16	$\begin{array}{c} 494 \cdot 16 \\ 494 \cdot 26 \\ 494 \cdot 26 \\ 495 \cdot 26 \\ 495 \cdot 26 \end{array}$	498 · 46 498 · 06 497 · 76 497 · 66 497 · 56	498 · 26 498 · 06 497 · 86 497 · 66 497 · 46	495 · 16 495 · 16 495 · 16 495 · 06 494 · 96	493 · 46 493 · 46 493 · 46 493 · 46 493 · 36	492.56 492.66 492.76 492.76 492.76	491.96 491.96 491.96 491.96 492.06	$\begin{array}{c} 492 \cdot 26 \\ 492 \cdot 26 \end{array}$	492.56 492.56 492.56 492.56 492.56	$\begin{array}{c} 492 \cdot 76 \\ 492 \cdot 76 \\ 492 \cdot 66 \\ 492 \cdot 66 \\ 492 \cdot 66 \end{array}$	492.86 492.86 492.86 491.86 492.86	492-96 492-96 492-96 492-96
21 22 23 24 25	$\begin{array}{c} 495 \cdot 36 \\ 495 \cdot 36 \\ 495 \cdot 36 \\ 495 \cdot 36 \\ 495 \cdot 66 \end{array}$	497 · 36 497 · 16 497 · 06 496 · 96 496 · 96	$\begin{array}{c} 497 \cdot 46 \\ 497 \cdot 36 \\ 497 \cdot 26 \\ 497 \cdot 16 \\ 497 \cdot 16 \end{array}$	494 · 86 494 · 66 494 · 56 494 · 46 494 · 36	493 · 36 493 · 36 493 · 26 493 · 26 493 · 26	492.56 492.56 492.56 492.56 492.56	492·16 492·06 492·06 492·16 492·16	492·26 492·36 492·36 492·36 492·36	492-56 492-56 492-66 492-66 492-66	$\begin{array}{c} 492 \cdot 66 \\ 492 \cdot 76 \end{array}$	492·86 492·86 482·86 492·86 492·86	492-96 492-96 492-96 492-96 492-96
26	496 · 16 496 · 26 496 · 56 497 · 06 497 · 56	$\begin{array}{c} 496 \cdot 96 \\ 496 \cdot 96 \\ 497 \cdot 06 \\ 497 \cdot 16 \\ 497 \cdot 26 \\ 497 \cdot 26 \end{array}$	497.06 496.86 496.76 496.66 496.56	494 · 36 494 · 36 494 · 36 494 · 26 494 · 16 494 · 16	493 · 16 493 · 16 493 · 06 493 · 06 492 · 96 492 · 96	492·56 492·56 492·26 492·26 492·36	$\begin{array}{c} 492\cdot 16\\ 492\cdot 16\\ 492\cdot 16\\ 492\cdot 16\\ 492\cdot 16\\ 492\cdot 16\\ 492\cdot 16\end{array}$	492·36 492·46 492·46 492·46 492·46	$\begin{array}{c} 492\cdot 66 \\ 492\cdot 66 \end{array}$	492·76 492·76 492·76 492·76 492·76 492·76	492·86 492·86 492·86	492.96 492.96 492.96 492.96 492.96 492.96

Elevations above M.S.L. of Ottawa River at Klock Station, for 1904.

			TABLE No. 98
1		482-10 481-50	
2			
3			
4		481-80 481-25	
5			
		101 10 101-20	
6		481.70 481.10	
7			
8			
9			
10			
		101 10 430.33	
11 1		481-80	
12			
13			
14			
15			
		401-100	
16		481-80	
17			
18		404 (90)	
19.		101 00	
20		404 07	
20		401.00	
21		481-89	
22			
23	482.30		
24	482.10	101 07	
25	482-15		
20	402-10	481.60	
26	482-25	481-69	
27	482.30	104 00	
28	482.25		
29	482-10		
30	482-10	404 55	
31	482-10		
	402-10	Min (

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Klock Station, for 1905-06.

TABLE No. 99.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	477-40 477-50 477-50 477-60 478-00	481-30 481-50 482-10 482-80 483-00	484·80 485·00 485·00 484·80 484·70	481·30 481·05 481·00 480·95 480·80	480·10 479·95 479·90 479·85 479·80	478-55 478-55 478-60 478-60 478-65	477.20					478 - 32
5	478-30 478-40 478-40 478-20 478-30	483 · 20 483 · 60 483 · 80 484 · 50 484 · 80	484-65 484-60 484-50 484-30 484-10	480 · 65 480 · 65 480 · 60 480 · 60 480 · 65	479·70 479·55 479·40 479·25 479·10	478-60 478-50 478-45 478-45 478-45	476-95 476-95 476-95 476-95					478 · 15
11	478 · 20 478 · 90 479 · 10 479 · 40 479 · 20	484 · 90 484 · 70 484 · 60 484 · 60 484 · 80	484·05 483·80 484·00 484·30 484·00	480-60 480-65 480-65 480-50 480-60	$\begin{array}{c} 479 \cdot 05 \\ 479 \cdot 10 \\ 479 \cdot 05 \\ 479 \cdot 05 \\ 479 \cdot 10 \end{array}$	478 · 35 478 · 30 478 · 25 478 · 15 478 · 15	477 · 15 477 · 20 477 · 15					477-65
16	479·20 479·20 479·20 479·10 479·10	485 · 20 485 · 40 485 · 80 485 · 90 486 · 00	$483 \cdot 75$ $483 \cdot 60$ $483 \cdot 40$ $483 \cdot 15$ $483 \cdot 00$	$\begin{array}{c} 480 \cdot 55 \\ 480 \cdot 40 \\ 480 \cdot 55 \\ 480 \cdot 50 \\ 480 \cdot 50 \end{array}$	479 · 05 478 · 95 478 · 90 478 · 80 478 · 60	478 · 10 478 · 00 477 · 95 477 · 00 477 · 75	477·10 477·30 477·55				479-07	477·57
21	479·20 479·20 479·30 479·10 479·10	485·90 485·60 485·60 485·40 485·20	$\begin{array}{c} 482 \cdot 90 \\ 482 \cdot 80 \\ 482 \cdot 65 \\ 482 \cdot 40 \\ 482 \cdot 25 \end{array}$	$\begin{array}{c} 480 \cdot 40 \\ 480 \cdot 30 \\ 480 \cdot 30 \\ 480 \cdot 25 \\ 480 \cdot 30 \end{array}$	478 · 55 478 · 50 478 · 55 478 · 50 478 · 90	477 · 70 477 · 65 477 · 60 477 · 60 477 · 60	477 - 65				479·07 478·32	477-65
26	479 · 30 479 · 60 479 · 90 480 · 90 480 · 90	485·35 485·30 485·20 485·10 485·15 484·90	482·15 482·00 481·90 481·70 481·50	480·30 480·25 480·20 480·20 480·15 480·10	478 · 55 478 · 55 478 · 60 478 · 59 478 · 45 478 · 60	477 · 40 477 · 35 477 · 40					478 23	477-98

ELEVATIONS above M.S.L. of Ottawa River at Klock Station, for 1906.

								TABLE No. 100.
1	478 · 65 4	86-90 488-06 87-07 488-06 87-23 488-06 87-48 487-76 88-07 487-76	485 · 56 485 · 36 484 · 96 484 · 76 484 · 56	479-90 479-90 479-90 479-90	477·70 477·70 477·60 477·50 476·70	476 · 10 475 · 90 475 · 90 475 · 90 475 · 80	476 · 20 476 · 20 476 · 20 476 · 10 476 · 10	477-30 477-30 477-20 477-20 477-20
7 8 9	478-48 4 4	88-30 487-56 88-50 488-06 88-80 487-96 89-10 487-96 89-30 488-06	484 · 36 483 · 96 483 · 80 483 · 40 483 · 20	479 · 90 479 · 90 479 · 80 479 · 70 479 · 60	$\begin{array}{c} 476 \cdot 30 \\ 476 \cdot 10 \\ 476 \cdot 00 \\ 476 \cdot 10 \\ 476 \cdot 20 \end{array}$	475 · 80 475 · 80 475 · 90 475 · 90 476 · 00	$\begin{array}{c} 476 \cdot 50 \\ 476 \cdot 60 \\ 476 \cdot 70 \\ 476 \cdot 80 \\ 476 \cdot 90 \end{array}$	477·20 477·20 477·20 477·20 477·20 477·20
12 13 14	477-82 4 477-82 4	89·25 488·06 89·70 488·16 89·90 488·36 89·56 488·56 89·36 488·86	482-10	479·50 479·40 479·30 479·20 479·20	476 · 30 476 · 30 476 · 40 476 · 40 476 · 50	$\begin{array}{c} 476 \cdot 10 \\ 476 \cdot 10 \\ 476 \cdot 20 \\ 476 \cdot 10 \\ 476 \cdot 10 \end{array}$	476 · 90 477 · 00 477 · 00 477 · 00 477 · 00	477-20 477-20 477-20 477-20 477-20
17 18 19	479-07 4	89 · 26 488 · 96 89 · 26 488 · 86 89 · 26 488 · 86 89 · 26 489 · 26 89 · 16 488 · 96	480 · 70 480 · 70	479 · 10 478 · 90 478 · 80 478 · 70 478 · 40	476 · 40 476 · 40 476 · 40 476 · 40 476 · 40	$\begin{array}{c} 476\cdot00 \\ 475\cdot90 \\ 475\cdot80 \\ 475\cdot80 \\ 475\cdot80 \\ 475\cdot80 \end{array}$	477·10 477·10 477·10 477·10 477·10	477-20 477-20 477-20 477-20 477-20 477-20
22 23 24	481-73 4 482-07 4	89-06 487-96 88-86 487-86 88-86 487-76 88-86 487-76 88-76 487-16	480-90 480-70 480-70	478 · 40 478 · 30 478 · 30 478 · 20 478 · 10	476 · 40 476 · 40 476 · 40	475 · 75 475 · 80 475 · 80 475 · 80 475 · 80	477·10 477·10 477·10 477·20 477·20	477-20 477-20 477-20 477-20 477-20 477-20
27 28 29	482·90 4 486·73 4	88-76 486-86 88-66 486-56 88-56 486-36 88-56 486-06 88-46 485-86	480 · 10 479 · 90 479 · 90	478.00	476-10	475 · 80 475 · 80 475 · 90 475 · 90 476 · 10 476 · 20	477·20 477·30 477·30 477·30 477·30	477-20 477-20 477-20 477-20 477-20 477-20 477-20

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Klock Station, for 1908.

TABLE No. 101.

										A	ADLIG .	. 101.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1		484 · 56 484 · 76 484 · 66 484 · 76 484 · 56	492 · 06 492 · 16 492 · 16 492 · 16 492 · 16	486-86								
6 7 8 9		484 · 56 484 · 76 485 · 26 486 · 56 487 · 16	491 · 96 491 · 76 491 · 66 491 · 66 491 · 66									
11 12 13 14 15		487 · 86 488 · 36 489 · 26 489 · 76 489 · 96	491 · 56 491 · 26 491 · 06 490 · 76 490 · 76									
16. 17. 18. 19. 20.		490 · 26 490 · 36 490 · 46 490 · 66 490 · 66	490 · 66 490 · 46 490 · 16 489 · 96 489 · 66									
21 22 23 24 25		490 · 86 490 · 86 490 · 91 491 · 06	489·56 489·26 489·06 488·76 488·56									
26 27 28 29 30 31		491 · 16 491 · 16 491 · 26 491 · 26 491 · 36 491 · 76	488 · 36 487 · 96 487 · 46 487 · 26 487 · 06									

ELEVATIONS above M.S.L. of Ottawa River at Klock Station, for 1909-10.

TABLE No. 102. 480 · 76 482-90 495-80 486 - 80 482.46 480 - 91 480.76 480-41 479-00 478 - 20 478.55 483 - 05 495.00 486-80 482 · 46 482 · 46 482 · 26 480 · 96 480 · 96 480-81 480 - 31 478 · 23 478 · 22 478 · 60 478 · 65 483-35 494.90 486-50 480.76 480.86 489-31 483 - 50 494 - 50 486-20 480.86 480-81 480.86 480-31 479-15 483.70 485.80 479 - 20 494-69 482-16 $480 \cdot 96$ 480.86 480.86 480 - 29 478 - 75 482 · 21 482 · 16 482 · 11 482 · 06 483-81 477 · 65 477 · 75 484 · 00 484 · 15 484 · 31 493 · 82 493 · 55 493 · 33 485·30 485·10 480.96 489.81 480.86 480 · 26 480 · 26 480 · 21 479·30 479·35 478 · 25 478 · 25 478 · 25 480.96 480.81 480.86 478-85 484.80 480.86 480.81 485.90 492.81 484.60 482.06 480 - 96 480.81 480-16 478-30 486:33 478 - 25 478-00 492.39 484 - 30 482-01 480.96 480-81 480 - 76 480-11 478-60 492 - 26 480.76 486-92 484-10 481.86 480 - 96 480.81 480.06 478-00 478 · 73 478 · 96 480 · 76 480 · 71 480 · 71 487 · 34 487 · 90 488 · 60 491.90 484.70 480-91 480.76 480.06 479-60 491.70 484.50 481.56 480 · 86 480 · 86 480-66 480.06 479.65 479.70 478-30 476 · 90 477 · 40 479-08 491.90 484.40 481.66 480.66 480.04 478 - 30 479.31 480-86 491.00 $484 \cdot 20$ $479 \cdot 80$ 490-60 490·73 490·50 484.00 481·76 481·66 480.86 480.56 480.71 480.71 480.01 479.96 479 · 80 479 · 85 479 · 85 478 - 35 $477 \cdot 25$ $477 \cdot 30$ 490-87 478 - 35 483-90 480.86 480-66 492 - 27 481-66 20 480-46 481-67 480.86 480-61 478.35 494 - 10 489.75 481-51 480.76 480 - 86 22 23 24 477 · 90 477 · 90 478 · 00 477 - 45 477 - 45 477 - 45 480.80 494-60 489-38 483-31 481.36 480-66 480.96 480.66 479.86 479 · 76 479 · 66 479 · 56 480.93 495-10 489-10 482-66 482-96 483-16 481-26 480 - 56 480 · 71 480 · 71 480 · 56 481-60 482-10 495 · 40 495 · 70 $488 \cdot 83$ 481 · 21 481 · 16 480 · 56 480 · 56 481-06 481-06 478.05 488-45 478-45 479 · 46 479 · 41 479 · 36 479 · 31 $482 \cdot 23$ $482 \cdot 23$ $482 \cdot 40$ 496-10 488 · 20 487 · 62 487 · 35 $478 \cdot 45$ $478 \cdot 50$ $478 \cdot 50$ 482-66 482-46 482-41 480.66 481-01 480 · 56 480 · 46 477 - 40 $481 \cdot 11$ 481-06 480·76 480·76 480·76 480.96 477 · 45 477 · 45 477 · 50 482-55 480 - 91 496.71 482-55 486 - 93 482-36 481.01 480 · 86 489 · 81 480-46 477.55 496.30 482-46

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Klock Station, for 1910-11.

TABLE No. 103.

										1.	ABLE :	VO. 103.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	477-60 477-60 477-65 477-70 477-75	486-80 486-90 487-00 497-10 486-90	486·30 486·50 486·70 486·80 486·70	482·16 481·86 481·86 481·86 481·56	479·36 479·31 479·26 479·26 479·21	478-96 478-91 478-91 478-86 478-91	478·11 478·26 478·31 478·26 478·56	481 · 66 481 · 76 481 · 86 481 · 96 481 · 96	481 · 66 481 · 56 488 · 46 481 · 36 481 · 16	478-95 478-95 478-85 478-85 478-95	479 · 95 479 · 85 479 · 85 479 · 85 479 · 90	477-85 477-85 477-85 477-95 477-95
6		486-90 487-00 487-00 487-00 487-00	486 · 60 486 · 50 486 · 30 486 · 20 486 · 15	481 · 36 481 · 16 480 · 96 480 · 86 480 · 76	$\begin{array}{c} 479 \cdot 16 \\ 479 \cdot 26 \\ 479 \cdot 21 \\ 479 \cdot 16 \\ 479 \cdot 16 \end{array}$	478 · 96 478 · 86 478 · 86 478 · 76 478 · 66	478 · 86 479 · 16 479 · 46 479 · 56 479 · 76	482·06 482·16 482·16 482·16 482·26	480 · 96 480 · 76 480 · 66 480 · 56 480 · 46	479 · 15 479 · 45 479 · 65 579 · 55 479 · 45	$\begin{array}{c} 479 \cdot 95 \\ 479 \cdot 95 \\ 479 \cdot 95 \\ 480 \cdot 15 \\ 480 \cdot 25 \end{array}$	477 · 95 477 · 95 478 · 00 477 · 95 478 · 05
11 12 13 14 15	482.50 482.70 482.80 483.00	487 10 487 10 487 10 486 90 486 80	486·10 485·80 485·40 485·20 485·10	480 · 76 480 · 36 479 · 91	$\begin{array}{c} 479 \cdot 21 \\ 479 \cdot 06 \\ 479 \cdot 06 \\ 479 \cdot 01 \\ 479 \cdot 11 \end{array}$	$\begin{array}{c} 478\cdot 66 \\ 478\cdot 66 \\ 478\cdot 66 \\ 478\cdot 56 \\ 478\cdot 56 \end{array}$	479 · 96 480 · 16 480 · 26 480 · 36 480 · 46	$\begin{array}{c} 482 \cdot 26 \\ 482 \cdot 36 \\ 482 \cdot 56 \\ 482 \cdot 66 \\ 482 \cdot 76 \end{array}$	480·36 480·36 480·26 480·16 480·11	479·25 479·05 478·85 478·75 478·75	480-35	478 05 477 · 75 477 · 65 477 · 45 477 · 35
16	483 · 05 483 · 15 483 · 30 483 · 60 483 · 70	486·50 486·50 486·40 486·20 486·10	484 90 484 80 484 80 484 80 484 80	479·76 479·76 479·76 479·76 479·76	$479 \cdot 06$ $479 \cdot 06$ $479 \cdot 06$ $479 \cdot 06$ $479 \cdot 08$	$\begin{array}{c} 478 \cdot 56 \\ 478 \cdot 46 \\ 478 \cdot 46 \\ 478 \cdot 46 \\ 478 \cdot 36 \end{array}$	$480 \cdot 56$ $480 \cdot 66$ $480 \cdot 66$ $480 \cdot 56$ $480 \cdot 56$	$\begin{array}{c} 482 \cdot 86 \\ 482 \cdot 91 \\ 483 \cdot 06 \\ 483 \cdot 16 \\ 483 \cdot 26 \end{array}$	479 · 86 479 · 76 479 · 66 479 · 61 479 · 56	479 · 05 479 · 15 479 · 45		477 · 25 477 · 25 477 · 25 477 · 25 477 · 20
21 22 23 24 25.	483 · 90 484 · 50 484 · 70 485 · 00 485 · 20	486·10 486·10 486·00 486·00 486·00	484 · 80 484 · 80 484 · 66 484 · 26 484 · 06	479 · 71 479 · 66 479 · 66 479 · 66 479 · 56	478 · 76 478 · 76 478 · 86 479 · 01 479 · 16	$\begin{array}{c} 478 \cdot 36 \\ 478 \cdot 26 \\ 478 \cdot 16 \\ 478 \cdot 06 \\ 478 \cdot 06 \end{array}$	480 · 61 480 · 66 480 · 86 480 · 96 481 · 16	483 · 16 483 · 16 483 · 06 482 · 86 482 · 76	479 · 46 479 · 36 479 · 26 479 · 16 479 · 16	480.05	477-85	$\begin{array}{c} 476 \cdot 95 \\ 476 \cdot 95 \\ 476 \cdot 90 \\ 476 \cdot 85 \\ 476 \cdot 85 \end{array}$
26	485·40 485·70 486·50 486·60 486·70	486.00 486.00 486.00 486.00 486.10	483 · 66 483 · 46 483 · 06 482 · 76 482 · 46	479-46	479 · 26 479 · 26 479 · 26 479 · 16 479 · 11 479 · 11	478 · 06 478 · 06 478 · 06 478 · 06 478 · 06	481 · 36 481 · 36 481 · 41 481 · 46 481 · 46 481 · 56	482 · 56 482 · 46 482 · 26 482 · 06 481 · 86	479·11 479·06 479·06 479·01 478·96 478·96		477.90 477.80 477.85	476.85 476.85 476.85 476.85 476.85 476.85

Elevations above M.S.L. of Ottawa River at Klock Station, for 1911-12.

								T.	ABLE I	No. 104.
1	476.55 476.55 476.50	486.95 488 487.25 488 488.75 488	·75 484·55 ·55 484·45 ·35 484·05 ·15 483·95 ·75 483·45	478 · 85 478 · 95 478 · 85 478 · 95 478 · 95	478.05 478.05 478.05 478.00 477.95	477·00 476·95 476·90 476·85 476·90	477.80 477.85 478.05 478.05 478.00	479·95 479·85 479·75 479·75 479·75	481.25 481.05 480.85 480.85 480.80	480 · 75 480 · 85 480 · 85 480 · 85 480 · 85
6	476.05 476.05 476.10	491.95 486 491.20 486	-55 483-15 -15 482-85 -95 482-55 -55 482-25 -35 481-85	$\begin{array}{c} 478 \cdot 85 \\ 478 \cdot 85 \\ 478 \cdot 70 \\ 478 \cdot 35 \\ 478 \cdot 35 \end{array}$	477.90 477.85 477.80 477.75 477.70	$\begin{array}{c} 476 \cdot 65 \\ 476 \cdot 55 \end{array}$	477 · 95 477 · 95 477 · 95 478 · 05 478 · 20	479 · 70 479 · 65 479 · 65 479 · 65	$\begin{array}{c} 480 \cdot 80 \\ 480 \cdot 75 \\ 480 \cdot 75 \\ 480 \cdot 75 \\ 480 \cdot 70 \end{array}$	480 · 85 480 · 80 480 · 60 480 · 60 479 · 25
11	476·35 476·75 477·35	490 · 55 483 490 · 55 483 490 · 25 483	· 15 481·55 · 95 481·35 · 90 481·20 · 85 480·85 · 05 480·75	$\begin{array}{c} 478 \cdot 25 \\ 478 \cdot 15 \\ 478 \cdot 15 \\ 478 \cdot 20 \\ 478 \cdot 20 \\ 478 \cdot 20 \end{array}$	477·70 477·70 477·70 477·65 477·60	476 · 55 476 · 55 476 · 75 476 · 75 476 · 75	478 · 25 478 · 35 478 · 45 478 · 80 479 · 05	479 · 65	$\begin{array}{c} 480 \cdot 70 \\ 480 \cdot 55 \\ 480 \cdot 55 \\ 480 \cdot 55 \\ 480 \cdot 55 \end{array}$	479 · 25 479 · 15 479 · 15 479 · 15 478 · 75
16 17 18 19 20	478 · 05 478 · 15 478 · 55	489 · 80 484 489 · 60 484 489 · 40 484	·85 480·55 ·75 480·25 ·70 480·35 ·65 480·15 ·65 479·75	478 · 20 478 · 35 478 · 35 478 · 40 478 · 35	477 · 55 477 · 50 477 · 35 477 · 30 477 · 25	476.75 476.75 476.55 476.45 476.45	479 · 25 479 · 30 479 · 45 479 · 55 479 · 65	480 · 40 480 · 50 480 · 50 480 · 45 480 · 45	480.55 480.55 480.45 480.45 480.45	479-05
21 22 23 24	479 · 55 479 · 75 480 · 75	489 · 25 484 489 · 25 484 489 · 25 484	·65 479·55 ·65 479·05 ·75 478·95 ·75 479·05 ·75 479·15	$\begin{array}{c} 478 \cdot 30 \\ 478 \cdot 30 \\ 478 \cdot 25 \\ 478 \cdot 25 \\ 478 \cdot 20 \end{array}$	477 · 20 477 · 15 477 · 15 477 · 15 477 · 15 477 · 15	$\begin{array}{c} 476 \cdot 45, \\ 476 \cdot 50, \\ 476 \cdot 55, \\ 476 \cdot 70, \\ 476 \cdot 75, \end{array}$	$\begin{array}{c} 479 \cdot 75 \\ 479 \cdot 75 \\ 479 \cdot 80 \\ 479 \cdot 80 \\ 479 \cdot 90 \end{array}$	480-40 480-40 480-45 480-55 480-65	$\begin{array}{c} 480 \cdot 45 \\ 480 \cdot 50 \\ 480 \cdot 45 \\ 480 \cdot 45 \\ 480 \cdot 45 \end{array}$	479 · 25 479 · 05
26 27 28 29 30 31	482 · 85 483 · 50 484 · 15 485 · 15	489 · 25 48 · 489 · 15 48 ·	.75 479.15 .75 479.05 .75 479.00 .65 478.95 478.85 478.85	478 · 15 478 · 15 478 · 15 478 · 15 478 · 10 478 · 10	477·15 477·10 477·00 477·00 477·00	476-85 476-95 477-15 477-35 477-55 477-75	479 · 80 479 · 90 479 · 95 480 · 05	480 65 480 60 480 45 480 35 480 25	480 · 45 480 · 45 480 · 60 480 · 65	$\begin{array}{c} 479\cdot05\\ 479\cdot00\\ 478\cdot65\\ 477\cdot45\\ 478\cdot15\\ 478\cdot05 \end{array}$

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Klock Station, for 1912-13.

ABLE No. 105

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3	478.05 478.05 477.85 477.65	484-65 485-75 485-75 485-75	490 · 93 490 · 83 490 · 58 490 · 48	486 · 23 486 · 03 485 · 83 485 · 58	481·36 481·21 481·06 480·98	478-90 478-90 478-90 478-90	477-69 477-69 477-69 477-79	479 · 59 479 · 69 479 · 79 479 · 99	479 · 79 479 · 64 479 · 49 479 · 49	478 · 89 478 · 89 478 · 89 478 · 89	479 · 09 479 · 09 478 · 99 478 · 99	481·59 481·49 480·99 480·79
5	477.55 477.25 477.45 477.65 478.15	485.75 485.33 485.38 485.58 485.78	490.28 490.28 490.28 490.08 489.88	485.38 485.08 484.68 484.68 484.58	480.86 480.61 480.46 480.41 480.31	478.90 479.00 479.15 479.05 478.95	477-89 477-99 478-09 478-19	479.94 480.49 480.54 480.54 480.59	479 · 29 479 · 29 479 · 44 479 · 49 479 · 54	478 · 89 478 · 89 478 · 89 478 · 89 478 · 99	478-29 478-29 478-29 478-49 480-39	480·79 480·69 480·49 480·39
11 12 13.	478-45 478-40 478-40 478-40 478-45	485.83 486.08 486.98 487.53	489.58 489.38 489.23 488.98 488.68	484-58 484-53 484-38 483-16	480-31 480-30 480-30 480-30 480-20	478.80 478.70 478.70 478.60 478.60	478·19 478·29 478·29 478·29 478·29	480·54 480·39 480·34 480·29 480·19	479 · 54 479 · 39 479 · 29 479 · 19 479 · 19	478.94 479.09 479.59 479.49 479.49	480·49 481·49 481·49 481·39	480·34 480·19 479·79 479·69 479·39
15 16 17 18	478.55 479.05 479.35 479.35 479.55	487.73 487.98 488.28 488.53 488.73	488.58 488.53 488.48 488.23	483·16 483·11 483·11 483·11 483·11	480·10 480·00 479·80 479·60 479·50	478.50 477.99 477.59 477.04	478-34 478-39 478-41 478-49	480.09 479.84 480.74 480.74 480.69	479·19 479·19 479·19 479·24 479·09	479 · 49 479 · 39 479 · 34 479 · 29 478 · 99	481·39 481·29 481·29 481·29	479·39 479·29 479·29 479·29 479·29
20 21. 22. 23 24	479.55 479.65 480.05 480.45 480.70	488.78 489.23 489.38 489.83	488 · 13 487 · 93 487 · 68 487 · 18 487 · 03	483 · 06 483 · 01 482 · 86 482 · 21 482 · 01	479 · 40 479 · 30 479 · 25 479 · 20 479 · 10	476 · 81 476 · 64 476 · 54 476 · 59 476 · 79	478 · 52 478 · 54 478 · 59 478 · 69 478 · 79	480.59 480.59 480.49 480.49	479.09 478.99 478.99 478.99	478-99 478-99 478-99 479-04 479-04	481 · 29 481 · 29 481 · 29 481 · 49 481 · 54	479-29 479-39 479-49 479-54
26 27 28	480.75 480.85 481.25 481.85	489-98 489-93 490-33 490-98	486-88 486-88 486-78	481·81 481·79 481·56 481·46	479·10 479·10 479·05 479·00	476.89 476.99 477.19 477.29	478 · 94 479 · 09 479 · 14 479 · 19	480-44 480-29 480-19 479-99	478.99 478.79 478.84 478.84	479-04 479-09 479-09 479-09	481 · 59 481 · 69 481 · 79	480-49 480-09 479-99
30 31	482 · 95 483 · 80	491.08 490.98 490.93	486 · 68 486 · 48	481 · 46 481 · 41 481 · 36	479-00 478-95 478-90	477 · 49 477 · 49	479·29 479·39 479·44	479·99 479·89	478 · 84 478 · 89 478 · 89	479 · 09 479 · 09 479 · 19		479 · 89 479 · 79 480 · 39

Elevations above M.S.L. of Ottawa River at Klock Station, for 1913-14.

TABLE No. 106.

1	479·30 479·30 479·30	478-90 477 478-80 477 478-80 477 478-80 477 478-80 477	·70 479·10 483·4 ·70 479·20 483·5 ·70 479·30 483·6	0 480-60 480-60 0 480-60 480-50 0 480-50 480-50	481 · 10 481 · 00 480 · 80 480 · 50 480 · 40
6	479 · 20 479 · 20 479 · 10	478-70 477 478-70 477 478-70 477 478-70 477 478-60 477	·70 479·50 483·5 ·70 499·60 483·5 ·70 479·70 483·4	0 480·20 481·70 0 480·20 481·80 0 480·20 481·60	480 · 30 480 · 30 480 · 40 480 · 50 480 · 80
4 4		478-60 477 478-60 477 478-60 477 478-60 477 478-60 477	·80 480·10 483·0 ·80 480·10 482·9 ·80 430·20 482·8	0 480·00 482·10 0 480·00 482·20 0 480·10 482·50	481 · 00 480 · 80 480 · 50 480 · 40 480 · 20
7 8 . 47 9	9.40 479.00 9.40 478.90 9.30 478.90 9.20 478.90 9.20 478.90	478-60 477 478-50 477 478-40 477 478-30 477 478-20 478	·80 480·40 482·7 ·90 480·60 482·7 ·90 480·80 482·6	0 480·20 482·40 0 480·20 482·40 0 479·90 482·40	480 · 00 479 · 70 479 · 60 479 · 50 479 · 20
2	$\begin{array}{cccc} 9 \cdot 20 & 478 \cdot 90 \\ 9 \cdot 30 & 478 \cdot 90 \\ 9 \cdot 40 & 479 \cdot 00 \\ 9 \cdot 50 & 479 \cdot 10 \\ 9 \cdot 50 & 479 \cdot 10 \end{array}$	478·20 478 478·20 478 478·10 478 478·00 478 478·00 478	·20 482·10 482·3 ·30 482·60 482·0 ·50 483·10 481·8	0 479·40 482·10 6 479·40 482·20 0 479·30 482·10	479 · 00 478 · 80 478 · 70 478 · 50 478 · 30
77 44 8	9·50 479·10 9·50 479·00 9·50 479·00 9·40 479·00 9·40 478·90 9·30 478·90	477.70 479	·80 483·70 481·2 ·90 483·60 481·1 ·00 483·50 481·0	0 480·10 481·40 0 480·50 481·20 0 481·10 0 480·50	478 · 30 478 · 20 478 · 20 478 · 10 478 · 10 478 · 10

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Klock Station, for 1914-15.

TABLE No. 107.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	478 · 00 478 · 10 478 · 00 477 · 90 477 · 80	483·70 484·00 483·80 483·90 484·20	482·70 482·70 482·70 482·60 482·70	481 · 80 481 · 60 481 · 20 481 · 00 480 · 80	477·70 477·60 477·50 477·50 477·40	476·00 476·00 476·00 476·00 476·00	475·30 475·20 475·19 475·15 475·10	475·15 475·15 475·10 475·10 475·10	475 · 50 475 · 60 475 · 65 475 · 65 475 · 65	475-85 475-85 475-85 475-90 475-90	476 · 30 476 · 25 476 · 25 476 · 20 476 · 20	475 · 60 475 · 50 475 · 40 475 · 30 475 · 20
6	477 · 70 477 · 60 477 · 50 477 · 50 477 · 40	484 · 50 484 · 90 485 · 20 485 · 40 485 · 60	482 · 70 482 · 70 482 · 30 482 · 00 481 · 70	480·70 480·60 480·50 480·60 480·50	477·30 477·30 477·20 477·20 477·20	476·10 476·10 476·10 476·00 476·00	475·10 475·10 475·05 475·05 475·05	$\begin{array}{c} 475 \cdot 10 \\ 475 \cdot 20 \end{array}$	475 · 68 475 · 75 475 · 80 475 · 80 475 · 90	475 · 90 475 · 90 475 · 90 475 · 90 475 · 90	476 · 20 476 · 20 476 · 20 476 · 20 476 · 15	475·10 475·10 475·10 475·10 475·10
11. 12. 13. 14. 15.	477 · 40 477 · 30 477 · 30 477 · 30 477 · 40	484 · 90 486 · 00 486 · 00 486 · 00 485 · 40	481·70 481·70 481·70 481·80 482·00	480 · 40 480 · 20 479 · 90 479 · 70 479 · 60	477 · 20 477 · 10 477 · 00 476 · 90 476 · 80	476-00 476-00 476-08 476-07 476-05	475·10 475·00 475·00 475·05 475·05	475·20 475·20 475·25 475·25 475·25	475·90 475·90 475·85 475·85 475·85	475.90 475.95 475.95 476.00 476.05	476·10 476·10 476·10 476·05 476·05	475·10 475·10 475·10 475·05 475·05
16. 17. 18. 19. 20.	477 · 40 477 · 50 478 · 00 478 · 50 479 · 50	484 · 50 483 · 60 483 · 40 483 · 40 483 · 60	484 · 20 484 · 30 483 · 80 483 · 65 483 · 45	479 · 40 479 · 30 479 · 30 479 · 20 479 · 10	476 · 80 476 · 80 476 · 80 476 · 70 476 · 70	476·02 476·00 476·05 476·01 476·10	475.05 475.08 475.10 475.10 475.10	475+30 475+35 475+40 475+40 475+40	475.85 475.83 475.80 475.80 475.85	476·05 476·10 476·10 476·10 476·05	476·05 476·00 475·90 475·90 475·80	475 · 00 475 · 00 475 · 00 474 · 90 474 · 90
21 22 23 24 25	479·90 479·80 479·80 479·80 479·90	483 · 80 483 · 60 483 · 20 483 · 00 482 · 80	483 · 25 483 · 15 482 · 85 482 · 75 482 · 65	479 · 00 478 · 80 478 · 80 478 · 60 478 · 50	476·70 476·60 476·60 476·40	476 · 00 476 · 00 475 · 90 475 · 80 475 · 60	475·10 475·20 475·20 475·20 475·15	475-45 475-40 475-40 475-40 475-40	475-85 475-90 475-90 475-90 475-90	476.00 476.00 476.00 476.05 476.10	475-80 475-80 475-75 475-70 475-70	474 · 90 474 · 90 474 · 90 474 · 95 475 · 00
26	480 · 30 480 · 90 481 · 50 482 · 20 483 · 30	482 · 50 482 · 30 482 · 40 482 · 40 482 · 50 482 · 60	482 · 55 482 · 35 482 · 20 482 · 10 481 · 90	478 · 40 478 · 30 478 · 20 478 · 10 478 · 00 477 · 80	476-40 476-30 476-30 476-20 476-10	475-55 475-50 475-45 475-40 475-30	475·15 475·20 475·20 475·20 475·20 475·20		475.90 475.90 475.90 475.90 475.90		475 · 70 475 · 70 475 · 70	475.00 475.00 475.00 475.00 474.95 474.90

ELEVATIONS above M.S.L. of Du Moine River 1 mile from mouth, for 1905.

				TABLE No. 108.
1	449-69 450-39 448-69 449-69 4 449-59 4	47-99 447-69 446-19 47-59 447-59 47-99 447-49 47-89 447-39 446-49 47-99 447-39 446-59	9 446·51 446·34 446·42 446·26 9 446·42 446·26	
6	450·49 450·99 4 450·29 449.69	47·89 446·55 48·19 447·19 446·85 48·09 447·19 446·55 447·09 446·49 47·79 447·09	9 446·26 446·26 9 446·34 9 446·26 446·42	
11	451·29 450·39 4 450·49 450·29 4 450·39 4	47-69 447-19 446-3 47-59 447-09 446-2 47-69 446-2 47-59 446-99 446-1 47-69 446-89 446-0	9 446-42 9 446-51 446-42 9 446-59 446-42	
16	450·69 450·19 4 450·69 4 450·79 449·59 4	446·89 446·09 47·79 446·79 47·89 446·79 446·19 47·99 446·69 446·39 47·89 446·49	9 446·67 9 446·93	
21 22 23 24	450·69 448·79 4 450·49 448·69 450·39 448·59 4	47·79 446·59 446·3 47·69 446·59 446·2 446·49 446·1 48·19 446·49 48·29 446·39 446·2	9 446·92 447·01	
26. 27	450·79 448·59 4 448·49 4 450·89 448·39 4 451·09 448·29	48.39 446.39 446.1 488.29 446.3 446.1 488.19 446.39 446.0 448.09 446.39 446.0 446.29 445.9	9 446·75 9 446·67 9	

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Du Moine River 1 mile from mouth, for 1906.

TABLE No. 109.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2			450·29 450·39 449·89 450·09	449·99 449·89 449·79 449·69	445.76 445.68 445.68 445.59	414 · 76 414 · 84 411 · 76 414 · 76	444.51 444.51 414.59 444.59 444.67	445 29 445 19 445 19 445 34				
6			450·39 450·69 450·69 450·79	449·69 449·19 448·99 448·89	445 · 43 445 · 43 445 · 34 445 · 34 445 · 26	444 · 67 414 · 67 444 · 67 444 · 67	444·67 444·76 444·76 444·76	445 · 34 445 · 26 445 · 26 445 · 34 445 · 42				
11. 12. 13. 14. 15.			450 · 89 450 · 99 451 · 09 451 · 19 451 · 29	448 · 69 448 · 39 448 · 29 448 · 09	445 · 26 445 · 17 445 · 17 445 · 09	444 · 59 444 · 59 444 · 51 444 · 51 444 · 43	444 · 84 444 · 93 445 · 01 444 · 93	445 · 34 445 · 26 445 · 17 445 · 17	445 93 446.01 446.01 446.09 446.17			
16		450-69 450-99 451-19 451-29	451 · 59 451 · 69 451 · 79	447 · 39 447 · 39 447 · 29 447 · 19 446 · 99	445 · 09 445 · 01 444 · 93 444 · 84	444 · 43 444 · 43 444 · 43 444 · 51	445.01 445.09 445.09 445.17 445.17	445 · 26 445 · 26 445 · 17 445 · 17	446 · 26 446 · 26 446 · 34 446 · 34			
21 22 23 24 25		451·19 451·09 450·99 450·89 450·69	451 · 89 451 · 89 451 · 99 450 · 39	446·79 446·51 446·43 446·36	414 · 84 444 · 76 414 · 76 444 · 76 444 · 59	444 · 51 444 · 59 444 · 67 444 · 59	445 · 26 445 · 26 445 · 34 445 · 34	445 · 26 445 · 26 445 · 34 445 · 42				
26		450 · 49 450 · 49 450 · 49 450 · 39 450 · 39	450 · 29 450 · 29 450 · 19 450 · 09 449 · 99	446.09 446.01 445.93 445.84 445.76	444 · 59 444 · 59 444 · 51 444 · 59 444 · 76	444 · 51 444 · 51 444 · 43 444 · 43	445 · 43 445 · 43 445 · 29 445 · 39 445 · 39	445·51 445·51 445·59 445·51 445·51				

ELEVATIONS above M.S.L. of Du Moine River 1 mile from mouth, for 1908.

	 			 	 	 TA	BLE :	No. 1
		456 - 99	451-69					
		456-39	451 - 79					
3		456-09	451 - 59					
		455.79						
5		455-69						
S		455.59						
7								
8		455 - 29						
9		454.89						
0		454 - 69						
1		454 - 59						
2		454 · 39				1000000		
3		454 - 29						
5		454.09						
6 111111		453.89						
		453.79				1000000- Ho		
8	456 - 19	452 - 59						
9	456.29	$452 \cdot 49$						
0	456-29	452 • 39						
	480.40							
1	456 - 19					100		
2	456-19					1111111		
3	456.09							
4		452 - 69						
5	455 - 89	$452 \cdot 59$						
c	455 - 79	452.39						
6	455-69	452 - 29						
7	455 59							
8	455 49	451.89						
9	456.09	451.79						
0		401.19						
1								

6 GEORGE V, A. 1916

Elevations above M.S.L. of Du Moine River 1 mile from mouth, for 1913–14, $$_{\rm TABLE\ No.\ III.}$$

							r. ribiditi					
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1		450 · 89 450 · 79 450 · 79 450 · 69	448-79 448-69 448-59 448-59	447·49 447·39 447·19 147·09 446·99	445·39 445·29 445·29 445·19	444 · 69 444 · 59 444 · 49 444 · 39 444 · 39	444·29 444·29 444·19 444·19	445 · 29 445 · 99 445 · 79 445 · 69 445 · 69	447 · 59 447 · 49 447 · 29 447 · 59 447 · 69	447-59 447-49 447-39	446 · 69 446 · 69 446 · 59 446 · 59	445 · 89 445 · 79 445 · 79 445 · 69
6 7. 8. 9		$\begin{array}{r} 450 \cdot 59 \\ 450 \cdot 39 \\ 450 \cdot 29 \\ 450 \cdot 19 \\ 450 \cdot 19 \end{array}$	448-49 448-39 448-29 448-19	446-79 446-69 446-49 446-49	445·19 445·09 444·99 444·89	444 · 29 444 · 29 444 · 19 444 · 19	$444 \cdot 09$ $444 \cdot 09$ $444 \cdot 09$ $443 \cdot 99$ $443 \cdot 99$	445.79 445.79 445.69	447 · 59 447 · 49 447 · 29 447 · 19	448 · 09 448 · 29 448 · 49 448 · 59 448 · 69	446 · 49 446 · 49 446 · 39 446 · 39	445.69 445.69 445.89 445.99
11		449-99 449-99 449-79 449-59	448-29 448-39 448-49 448-49	446 · 49 446 · 49 446 · 39 446 · 29	444·89 444·79 444·69 444·59	444 · 09 444 · 09 443 · 99	444 · 19 444 · 29 444 · 39	447 · 29 447 · 69 447 · 89 448 · 09 448 · 29	447 · 19 447 · 29 447 · 19 446 · 99	448·79 448·49 448·39 448·39	446·39 446·29 446·29 446·29	445.89 445.89 445.89 445.79
16		449.39 449.29 449.09 449.09	448 · 29 448 · 19 448 · 09 447 · 89 447 · 79	446 · 29 446 · 29 446 · 19 446 · 19	444 · 49 444 · 39 444 · 39	443.89 443.89 443.89 443.79 443.79	444 · 29 444 · 39 444 · 39	447 · 59 447 · 29 446 · 99 447 · 29	446.89 446.99 447.09 446.99 446.89	448 · 29 448 · 29 448 · 19	446·19 446·19 446·19 446·09 446·09	445.69 445.69 445.59 445.59
21 22 23 24 25	450 · 39 450 · 29 450 · 59 450 · 89 451 · 09	449 · 19 449 · 39 449 · 59 449 · 79	447 · 69 447 · 69 447 · 59	446.09 446.09 445.99 445.99 445.89	444 · 29 444 · 29 444 · 29 444 · 69	444 · 19 444 · 29 444 · 29 444 · 39	444 · 59 444 · 79 444 · 89 445 · 29 445 · 39	447 · 29 446 · 99 448 · 09 448 · 29	447·19 447·09 447·19 447·29	448 · 09 447 99	446.09	445·49 445·49 445·49
26. 27. 28. 29. 30. 31.	451 · 29 451 · 39 451 · 09 450 · 99	449 · 69 449 · 49 449 · 29 449 · 19 449 · 09 448 · 99	447 · 69 447 · 69 447 · 59	445.69 445.59 445.49 445.39	444·89 444·89 444·99 444·99	444·39 444·49 444·29 444·39	445.59 445.69 445.79 445.89 445.99	447-99 447-89 447-59 447-29 446-79	447 · 19 447 · 09 447 · 29 447 · 49 447 · 39	447.89 447.79 446.89 446.99		445 · 59 445 · 59 445 · 59 445 · 59 445 · 69

Elevations above M.S.L. of Du Moine River 1 mile from mouth, for 1914-15

										TA	BLE No	. 112.
1		449-49 449-39 449-39 449-39	448 · 89 448 · 29 448 · 19 448 · 29 448 · 29	446·89 446·89 446·89	444·19 444·09 444·09 443·99	443 · 29 443 · 29 443 · 39 443 · 39 443 · 49	443 · 09 443 · 19 443 · 19	443 · 39 443 · 39 443 · 49 443 · 49	444 · 39 444 · 49 444 · 49 444 · 59 444 · 59	445.09 444.99 444.89 444.89	444 · 89 444 · 89 445 · 09 445 · 09	444 · 99 444 · 99 444 · 99 444 · 89 414 · 89
6	445-59 445-59 445-69 445-69	449 · 59 449 · 69 449 · 89 449 · 99	447-89		443.89 443.89 443.89 443.69	443·39 443·39 443·39 443·29	$\begin{array}{c} 442 \cdot 99 \\ 442 \cdot 99 \\ 442 \cdot 89 \\ 442 \cdot 99 \\ 442 \cdot 99 \end{array}$	443 · 59 443 · 59 443 · 69 443 · 79	444-89 444-99 445-89 446-19	444-89 444-89 444-99 444-99	444 · 99 445 · 19 445 · 19	444·89 444·79 444·79
11 12 13 14 15	445 · 69 445 · 49 445 · 39 445 · 39	449 · 59 449 · 39 449 · 29 449 · 19	448·09 448·29		443 · 69 443 · 59 443 · 69 443 · 69	443 · 29 443 · 19 443 · 19 443 · 29	443·39 443·59 443·69 443·69	443 · 79 443 · 69 443 · 69 443 · 59	446·39 446·29 446·39 446·39	444 · 99 444 · 99 444 · 89 444 · 89	445.09 445.09 444.99	444·79 444·79 444·79
16	445·39 445·49 445·49	449 · 09 448 · 89 448 · 79 447 · 89	448-39 448-19 447-99		443 · 69 443 · 69 443 · 59 443 · 59	443 · 29 443 · 29 443 · 29 443 · 19	443.79 443.79 444.59 443.49	444 · 19 444 · 39 444 · 49 444 · 59 444 · 69	446 · 49 446 · 59 446 · 59	444.89 444.99 444.99 445.99	444 · 99 444 · 89 444 · 89 444 · 89	444 · 69 444 · 69 414 · 69 414 · 69
21	446 · 59 446 · 79 446 · 99 447 · 19 447 · 29	447 · 99 447 · 99 447 · 89 448 · 29	447 · 59 447 · 29		443 · 49 443 · 49 443 · 49 443 · 49	$\begin{array}{c} 443\cdot09 \\ 443\cdot09 \\ 442\cdot99 \\ 442\cdot99 \\ 442\cdot79 \end{array}$	443 · 49 443 · 39 443 · 39 443 · 29	444-69 444-79 444-59	$\begin{array}{c} 446 \cdot 29 \\ 445 \cdot 99 \\ 445 \cdot 79 \\ 445 \cdot 59 \\ 445 \cdot 29 \end{array}$	445.09 444.99 444.99	444 · 89 444 · 89 444 · 89 444 · 99	444 · 69 444 · 69 444 · 79 444 · 79
26	448 · 29 448 · 99 449 · 29 449 · 49	447 · 79 448 · 79 448 · 89 448 · 89 448 · 99	446 · 89 446 · 79 447 · 29 447 · 19	444 - 49	443 · 39 443 · 39 443 · 29 443 · 19	442.89 442.99 442.99	443 · 19 443 · 19 443 · 29 443 · 29 443 · 39 443 · 39	444·49 444·39 444·29 444·39	444.99 445.29 445.19 445.09	444 · 99 445 · 09 445 · 09 444 · 99 444 · 99	445·09 445·09	444 · 69 444 · 69 444 · 59 444 · 59 444 · 59

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Petawawa River at Petawawa above C.P.R. Bridge, for 1905.

TABLE No. 113. April May. June. July. Aug. Oct. Nov. Dec. Jan. Feb. March. April. Sept. 439.94 440.04 439.74 438 - 54 438-59 437.99 437.94 437.94 439 - 24 439·89 439·84 439.69 439.64 438.59 $438 \cdot 59$ 440.09 439 · 24 439 · 24 438.50 440 - 14 $438 \cdot 59$ 441.04 439-39 439-89 440.14 $439 \cdot 29$ $438 \cdot 29$ 441 · 24 441 · 44 439-54 439-99 440 - 09 438-34 $438 \cdot 59$ 440.04 438 - 29 437.84 438-64 441.44 439 - 64 440.19 440-44 439 · 24 439 · 24 438-29 438 - 64 439 74 439 79 440.24 $438 \cdot 29$ 438 - 64 439 - 74 440 - 29 440.04 439 - 24 437.79 438 - 64 $\begin{array}{c} 439 \cdot 74 \\ 439 \cdot 74 \\ 439 \cdot 75 \\ 439 \cdot 79 \\ 439 \cdot 74 \end{array}$ 439 · 94 439 · 74 439 · 79 439 · 19 439 · 19 $438 \cdot 29$ 437·79 437·74 437·74 439.84 $438 \cdot 64$ 440-24 440.04 438-34 438-59 440 - 24 438 - 59 440.04 $438 \cdot 34$ 438-99 439-84 438-29 438-54 440.09 $440 \cdot 49$ 439-89 438-89 $438 \cdot 29$ $438 \cdot 54$ 440-14 438-34 439 · 64 439 · 64 439 · 59 440 · 19 440 · 24 440 · 29 440.69 439.84 438 · 79 438 · 74 438-39 439.54 440.64 21 22 439.49 440.44 439-69 438-64 438 - 39 438-44 440 - 24 440.59 440 - 14 438 - 44 438 - 49 439.34 440.54 439-64

Elevations above M.S.L. of Petawawa River at Petawawa above C.P.R. Bridge, for 1908.

438 - 49

 $438 \cdot 39$ 438 · 24 438 · 19

438-44 438-04

438 - 49

439.84

439-84 438 - 39

439-94

438-49

438-49

 $438 \cdot 54$

438 - 59

438 - 59

438-59

438 - 29 438-44

440.04

440-04 439 - 94

439.34 440.34

439 · 24 439 · 24 439 · 24 440.34 $440 \cdot 04$ $440 \cdot 14$ $440 \cdot 14$ 439.79

439 - 24

440.34

440 - 19 $440 \cdot 04$

439 - 99

		0 /	TABLE No. 114. '
	441-04 440-94 441-49 440-84		
6	442-49 440-74		
11	442·74 440·44 442·74 440·44 442·59		
16 17 18 19 20	440-54 442-49 440-54 442-49 440-54		
21 22 23 24 25	441 · 44		
26 27 28 29 30 31	441·04 439·54		

6 GEORGE V, A. 1916

Elevations above M.S.L. of Petawawa River at Petawawa above C.P.R. Bridge, for 1909–10.

TABLE No. 115.

											XDIJI.	101 110.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1			441.34	440 - 34		439-34	439 - 24	438.79	438-94		438-21	438 - 11
2			441 - 24	440.34	440.84	439-49	434 - 24	438 - 74	439-04		438-21	438 - 11
3		440.69	441.04	440.34	440.64	439-49	400.10	438-71	438-94	400 11	438 - 21	438-11
5		440 · 59 440 · 64	440 · 84 440 · 74	440.24	440 · 44 440 · 34	439-51	439·19 439·19	438 · 69 438 · 69	438-84	438-11 438-11	438 · 21 438 · 31	438 · 11 438 · 11
3		440.04	440.74	440.24	440.34		439.19	438-09		435-11	438.31	438-11
6		440 - 69		440 - 24	440-24	439-49	439-14	438 - 69	438.74	438 - 01	438-31	438-11
7		440 - 84	440-44	440 - 19	440.09	439-34	439-14		438-74	438 - 01	438 - 31	438:11
8		440.99	440.34	440-19		439.34	439 - 14	438 - 64	438 • 64	438 - 11	438 - 31	438 - 11
9			440.34	440.14		439.34	439.09	438 · 64	438 · 64	438-11	438.31	438 - 11
10		441.34	440.24	440-14		439 - 49		438-64	438.59	438 - 11	438-31	438-21
u		441-44	440 - 14			439-49	439.04	438-69	438 - 54	438-11	438 - 31	438-21
12		442.64	440.14	440-04		409.49	439.04	438.74	400.04	438-11	438-31	438-21
13		442.69	440.14	440.04		439-49	439.04	438.79	438 - 54	438-11	438-31	438 - 21
14		442 - 64	440.04	440.04		439-49		100 10	438 - 54	438-11	438 - 31	438-21
15		442.72	440.04	439 - 99		439-34	438-99	438-84	438-49	438-11	438-31	438:21
16			440.09	439 - 99		439 - 34	438-99	438-89	438-49	438-11	438-41	438-21
17		443 · 44 443 · 49	440 · 09 440 · 24	439.94		439·34 439·34	438-94	438-94 438-94	438-44 438-44	438 · 11 438 · 11	438 · 41 438 · 41	438 · 21 438 · 11
19		443.34	440-24	440.04		439.34	438-94	438.94	438-44	438-11	438-41	438 - 21
20	440-64	443 - 29	440,44	440 - 14		439-34	438-94	439 04		438-11	438 - 41	438-21
	110 01	110 20		110 11		102.01	100 01	400 04		100 11	400.41	100.71
21	440 - 69	443.24	440.54	440 - 14		439-34				438-21	438-41	438-41
22	440-69	443 - 24	440.54	440 - 24		439-49				438-31	438-41	438 - 51
23	440.94		440.54	440.24	439 - 59	439 - 34	438-89	439 - 04		438-31	438.31	438 - 61
24	441.04	442.74	440-54	440 - 44	439 - 59	439-34		439-04		438-21	438-31	439 - 11
25		442 24	440 - 44		439 - 54	439 · 34	438-84	439-04		438 - 21	438-21	439:11
26	440-94	441.74	440-34	441.34	439 - 54		438 - 84	438-94		438-21	438-21	439-31
27	440-89	441-64	110.01	441-44	439 - 49	439 - 34	438 - 84	438 - 94		438 - 21	438-21	439-61
28	440.84	441.84	440.34	441-44	439-44	439 - 24	438-84			438 - 21	438 - 11	440 - 11
29		441.69	440.44	441-14		439-34	438 - 81	438-94		438-21		440.31
30			440 - 44	440.94	439.34	439 - 29	438.79	438 - 94		438 - 21		440-51
31		441 - 54		440.84	439-34					438 - 21		440.81

Elevations above M.S.L. of Petawawa River at Petawawa above C.P.R. Bridge, for 1910-11.

TABLE No. 116. 440.34 440.84 437-41 437 - 50 440 - 14 439-84 438-51 438-51 437-41 437.61 437.30 437.40 437 · 61 437 · 61 437 · 61 437 · 61 437 · 51 437 · 40 437 · 40 437 · 30 437 · 30 440 · 84 440 · 74 440 · 74 439 · 84 439 · 74 437 · 41 437 · 51 437-41 437-51 437 · 50 437 · 40 437 · 40 437 · 30 437 · 40 440.34 $440 \cdot 24$ 438-51 438-31 440 · 24 440 · 24 440.24 438-41 438-31 439-64 437.51 437 · 41 437 · 41 437·30 437·30 440.24 438 - 51 438-41 440-34 438 - 31 437.40 440 - 24 440-94 439-64 438-41 437-51 437 · 41 437 · 41 437 · 41 437 · 51 440 - 14 437.40 6 440.34 440.84 430.64 438-41 438-21 437.51 437.51 437.30 437.30 440-44 440-14 440.84 439·54 439·54 438-31 438-31 438 · 21 438 · 01 437 · 51 437 · 51 437 · 51 437 · 41 437 · 41 437 · 51 437 · 40 437 · 40 437 · 50 437 · 30 437 · 40 437 · 40 437 · 30 437 · 20 437 · 30 440.34 440-14 440-84 440.34 440-44 437 - 91 440.24 440.04440.44 $439 \cdot 34$ 438-31 $437 \cdot 91$ $437 \cdot 51$ 437.51 437-41 $437 \cdot 50$ $437 \cdot 40$ $437 \cdot 20$ 437·41 437·41 437·51 437·51 440.04 437-41 440.44 439.34 437-81 437.61 437.61 437.61 437.51 437·51 437·51 437·51 437·51 437·51 449-14 439 · 94 439 · 94 440.84 439 - 34 437 · 51 437 · 51 437 · 51 437 · 60 437 · 70 437 · 60 437 · 40 437 · 30 437 · 30 437 · 20 437 · 20 437 · 30 $440 \cdot 24$ $440 \cdot 34$ 440.84 439 - 14 438 - 11 440.04 440.84 439 - 14 438 · 21 438 · 21 440.34 440.04 440.84 439 14 437-51 437-51 437 - 60 437 - 30 437.30 437-61 437-61 437-71 437-61 437-61 437 - 51 440.94 440.84 437·51 437·51 437-50 437 · 20 437 · 30 439.94 439-14 438 - 11 437-51 437.30 437 · 30 437 · 30 437 · 30 437 · 30 437 · 30 437 · 51 437 · 61 437 · 61 437 · 51 439.84 440.74 439 - 04 437 - 50 440 - 24 438 · 11 438 · 21 $437 \cdot 51$ $437 \cdot 61$ $437 \cdot 61$ 439·84 439·74 440.24 437 · 40 437 · 50 437 · 50 $440 \cdot 24$ 439.04 440.34 440-44 439 - 14 437 - 30 440.34 439 - 84 440 - 64 439-04 438-41 437-41 437 - 61 440-14 440.74 439-14 438 - 51 437.31 °437.51 437-61 440 · 14 440 · 24 439 · 64 439 · 64 440-64 440-64 438 - 94 438·71 438·71 438·61 437 · 61 437 · 61 437 · 61 437 · 71 437 · 71 437 · 50 437 · 50 437 · 50 437·30 437·40 437·30 437·40 438 - 84 440 - 14 439-64 440-64 438 - 64 439 - 74 438-64 438-61 437 - 71 26 440-14 439.84 440 - 54 437-40 438-54 438-91 437-31 437-51 437.71 437 - 51 $437 \cdot 70$ $437 \cdot 40$ 437 · 31 437 · 31 437 · 41 437 · 41 437 · 31 437 · 51 437 · 41 437 · 41 437 · 41 437 · 41 437 · 41 437.71 437.61 437.51 437.51 437.61 437·51 437·51 437·51 437·51 437·51 437 · 70 437 · 60 437 · 50 437 · 50 437 · 40 437 · 50 437 · 50 437 · 60 440 - 14 440.24 440.34 438 - 54 438-61 440 - 14 440-44 440 - 14 438-61 440 - 14 440.84 440 - 14 438-44 438-51 438-51 440-14 440 - 84 440-04 438-44 440 - 74 438-44 438-51

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Petawawa River at Petawawa above C.P.R. Bridge, for 1911–12.

TABLE No. 117.

, Day.	April	May.	June.	July.	Aug.	Sept.	Oct	Nov.	Dec.	Janv.	Feb.	March.
1	437.60	439 - 80	440.00	439-80	440 - 10	439-20	439-30	438 · 10	438.00	438.00	438 · 20	437-90
2	437-60	440.00	439.90	439.80	440 - 10	439-20	439 - 20	438-00	438 - 00	438-00	438-30	437.90
3	437.60	440.20	439.90	439.90	440 - 20	439 - 10	438 - 80	438-10	438-00	438-10	$438 \cdot 50$	437-90
4	437-60	440 20	439 90	440.10	440 - 10	439 • 10	438 - 90	438.00	437 - 90	438-00	438 - 20	437.90
5	437.70	440.50	439 - 90	440 · 10	440 - 10	439 - 10	439 - 50	438-00	437.80	438-10	438-20	437.80
6	437.70	440.60	440.00	440.30	440.00	439-10	438 - 80	438-00	437 - 80	438 - 10	438-10	437.90
7	437 - 80	440.70	439 - 90	440.30	440.00	439.00	438 - 60	438 - 10	437-90	438 - 20	438 - 10	437.80
8	437-90	440.70	493 - 90	440.30	440.00	439 - 10	439 - 10	438-00	437 - 90	438-20	438 - 20	437.80
9	437.80	440 - 60	$439 \cdot 80$	440.30	440 - 10	439-00	438 · 80	437 - 90	437 - 80	438 - 30	438-10	437.80
10	437.80	440.50	439.80	440.10	440.20	438-90	438-60	437.90	437.90	438 - 20	438-10	437.90
11	438-00	440 - 50	439 - 80	439 - 80	439 - 90	438-90	438-90	437.90	437 - 90	438 - 20	438-10	437-90
12	438-10	440-60	439 - 90	439 - 90	439.90	439.00	439 - 10	438.00	437.90	438 - 10	438-10	438.00
13	438-30	440-60	439 - 90	440.00	439 - 80	439 - 30	438 - 80	437 - 90	438-00	438-10	438-00	437.90
14	438-60	440-50	440.00	440.00	439 - 80	439-30	438-60	437.90	438-00	438-10	438-00	437-90
15	439-10	440.50	440.00	440 - 10	439.60	439.00	438 - 50	437-90	438-00	438-00	437-90	438-00
16	439 - 40	440-40	440-10	440-10	439 - 60	438 - 90	438-60	438-00	437-90	438-00	100.00	100
17	439-40	440.40	440-10	440.20	439 - 50	438-90	438.90	438-00	437.90	438 - 10	438.00 437.90	438 · 00 438 · 00
18	439-80	440-40	440-10	440.20	439 - 60	438-90	438 - 50	437.90	437-90	438-10	437 - 90	438.00
19	439-80	440.30	440 - 20	440.40	439 - 80	439 - 00	438-50	437 - 90	437 - 90	438-20	437 - 90	437 - 90
20	439 - 90	440.30	440 - 40	440.90	439 - 60	438-90	438-60	437 - 90	437 - 80	438-10	438-00	437 - 90
21	440.00	440 - 40	440 50	440-60	439 50	438 - 80	438-40	437.90	437.80	438 - 10	437-90	438-00
23	439 · 90 439 · 90	440·30 440·30	440 · 60 440 · 10	440·30 440·30	439·30 439·30	437 · 10 437 · 10	438·40 438·60	438-00 438-00	437 · 90 437 · 80	438 · 20 438 · 20	437 · 90 437 · 90	438.00
24	439.90	440 20	440 - 10	440.30	439 - 30	436-90	438 - 40	438.00	437 - 80	438 - 20	437 - 90	437 · 90 437 · 90
25	439 - 80	440.20	440-00	440-40	439 - 20	439.30	438 - 40	437.90	437 - 80	438-30	437 - 90	438 · 0t.
							103 10			100.00	101.00	*00.00
26	439.80	440-10	439-90	440.20	439-20	439.30	438 - 50	437.90	437.90	438-20	438.00	438-00
27	439.70	440 · 10	439 - 80	440-20	439 - 20	440.50	438 - 40	437.80	437.90	438 - 20	438.00	438-10
28	439.70	440 10	439-60	440 20	439-50	439 - 30	438 - 30	437.80	438 - 00	438 - 20	438 - 00	438 - 10
29	439 · 80 439 · 80	440 · 00 440 · 10	439 · 60 439 · 70	440·20 440·20	439 · 50 439 · 50	438 · 80 439 · 10	438 · 30 438 · 10	437 · 90 437 · 90	438 · 00 438 · 10	438·10 438·10	437.90	438 - 00
31	498.80	440.00	409.10	440 - 10	439-30	439.10	438 - 10	407.90	438 - 10			438 · 10 438 · 20
01		110.00		440, 10	409.90		409.10		400.00	400.20		458.20

Elevations above M.S.L. of Petawawa River at Petawawa above C.P.R. Bridge, for 1912-13.

TABLE No. 118 438-21 440.51 441.61 441.31 440.91 440-61 439-81 439.71 439-81 438·31 438·51 440.41 440.31 441·71 441·61 441 · 11 441 · 11 441.01 441.01 440.61 440.61 439 · 91 439 · 91 439 · 61 439 · 71 439 · 71 439-81 439-61 439.31 439 · 21 439 · 21 439 · 11 439.01 439.61 439-41 440.41 439-91 438-81 440.41 441.51 441.11 441.01 440.31 439.91 439.61 439.81 439-61 439-11 440.31 441.51 440.91 440-41 $441 \cdot 11$ 439-91 439 - 71 439-81 439-51 439.21 441.61 441.51 441.41 441.11 441.31 441.51 439 - 71 439 · 71 439 · 71 439·11 439·11 440.31 439.21 $439 \cdot 41$ 440.31 441.01 440.31 439.81 439.81 439.81 439 - 61 439.31 440-11 440.91 440.21 439.81 430.81 420.51 $439 \cdot 21$ 439 - 21 440.11 440.01 441.41 441-61 440-91 440.21 439-81 439.71 439 - 51 439 - 21 439-11 440 - 41 439.81 441-61 441-11 440.81 440.21 439-91 439-61 439.71 439.61 439 - 11 439.91 441.61 441.51 440.91 438 · 61 439 · 51 440.61 $440 \cdot 91$ 440-11 439 - 91 439-61 439-61 439·11 439·21 439 - 31 440.71 440.11 440.91 440.91 440.21 439-61 439·71 439·71 439.41 440.81 440.11 441.51 440.81 440.11 439 - 81 439 - 51 439.71 439-11 441.91 440.91 $440 \cdot 01$ $440 \cdot 91$ 440.81 $440 \cdot 01$ 439 - 91 439 - 61 439.71 439.81 439 - 11 439-61 440 - 91 440-11 441.51 441.51 440.81 440.91 440.01 439.81 439 · 61 439 · 61 439.81 439 · 91 439 · 81 440.91 439·71 439·91 440.11 440.81 440.91 439 - 91 439-81 $439 \cdot 11$ $439 \cdot 21$ 439 - 91 440.01 440.21 440.61 439.81 439.91 20 440.61 440.11 441.21 440-61 440.81 440.01 440.01 440.01 440.01 439.81 439.21 439-81 21 22 440-11 441-31 440.91 440.61 439.91 440.21 440-11 439-91 439-21 440.01 439·71 439·71 439·61 440-11 440.61 440 31 440.21 23 24 440 · 61 440 · 71 441·71 442·21 441·11 441·51 440.91 440.71 440.01 440.01 440.11 439.81 439.11 440.51 440.71 441-31 440.01 430.01 440.01 430.81 439-11 440.41 25. 440.91 442.01 441-61 440.71 441.31 439 - 91 439.81 439.71 439.51 440.71 26 440.71 442.01 441.81 440.01 441.21 439.91 439.81 439.81 420.71 430.51 430.91 440-91 440.61 441.51 441.61 441.31 440.91 439.81 439.81 439·71 439·71 $442 \cdot 01$ 441-11 439-81 439.61 $439 \cdot 11$ 441·11 440·91 439.81 349.71 439.71 439.71 439.71 440.71 441 91 441.01 440-61 439.81 442-01 441-91 440-91 440-91 440.91 439.81 439-81 439-41 440.91 440.41 439.81 439 - 71 440.81 430.41 440.7 441.81 440-91 440.81 439-91 440.81

6 GEORGE V, A. 1916
ELEVATIONS above M.S.L. of Petawawa River near Petawawa Highway Bridge
for 1913-14.

TABLE No. 119.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	417·52 417·52 417·62 417·82	417 · 92 417 · 92 417 · 82 417 · 82 417 · 62	416 · 22 416 · 12 416 · 12 416 · 12 416 · 02	416·02 415·92 416·02 416·02 416·02	415·32 415·22 415·12 415·02 415·02	413·42 413·42 413·42 413·42 413·42	412·72 412·62 412·62 412·62 412·62	412·92 412·92 412·92 412·92 412·92	414 · 12 414 · 12 414 · 12 414 · 12 414 · 12	414·22 414·22 414·22 414·22 414·22	414·72 414·72 414·62 414·62 414·52	415·02 415·12 415·02 415·22 415·12
6	417 · 92 417 · 92 418 · 02 418 · 02 418 · 02	417 · 52 417 · 32 417 · 32 417 · 22 417 · 22	416·12 416·12 416·12 416·02 416·02	415 · 92 415 · 92 415 · 62 415 · 32 415 · 72	415.02 415.02 415.02 415.02 414.92	413 · 42 413 · 32 413 · 32 413 · 22 413 · 22	412·52 412·52 412·52 412·52 412·52	412 · 92 412 · 92 412 · 92 412 · 82 412 · 82	414 · 12 414 · 12 414 · 12 414 · 12 414 · 12	$\begin{array}{c} 414 \cdot 22 \\ 414 \cdot 22 \end{array}$	$414 \cdot 52$ $414 \cdot 42$ $414 \cdot 52$ $414 \cdot 62$ $414 \cdot 82$	415.02 415.12 415.22 415.22 415.22
11	418-02 418-22 418-42 418-42 418-42	417 12 417 02 416 92 416 82 416 72	$\begin{array}{c} 415 \cdot 92 \\ 416 \cdot 02 \\ 416 \cdot 02 \\ 416 \cdot 12 \\ 415 \cdot 92 \end{array}$	415·32 415·32 415·32 416·02 416·32	414 · 82 414 · 62 414 · 52 414 · 32 414 · 22	413 · 12 413 · 12 413 · 02 413 · 02 412 · 92	412·52 412·52 412·52 412·52 412·52	412 · 82 412 · 82 412 · 82 412 · 82 412 · 82	414·12 414·22 414·22 414·22 414·22	414 · 22 414 · 22 414 · 22 414 · 22 414 · 22	414 · 92 415 · 02 415 · 12 415 · 32 415 · 42	415·12 415·32 415·32 415·22 415·22
16	418 · 52 418 · 42 418 · 32 418 · 42 418 · 32	416-62 416-52 416-42 416-42 416-42	415 · 82 415 · 62 415 · 52 415 · 32 415 · 22	416·32 416·32 416·12 416·02 416·02	414 · 22 414 · 12 413 · 72 413 · 62 413 · 52	412-82 412-82 412-92 412-92 412-92	412·52 412·52 412·52 412·52 412·52	412.92 413.12 413.32 413.52 413.62	414·22 414·22 414·22 414·22 414·22	414 · 22 414 · 22 414 · 22 414 · 22 414 · 22	415·52 415·62 415·72 415·82 415·72	415·32 415·32 415·22 415·22 415·32
21	418·32 418·32 418·32 418·32 418·32	416·32 416·32 416·22 416·32 416·32	416 · 12 415 · 92 415 · 62 415 · 62 415 · 62	415 · 82 415 · 72 415 · 82 415 · 72 415 · 62	413 · 52 413 · 42 413 · 32 413 · 32 413 · 42	412 · 92 412 · 82 412 · 82 412 · 82 412 · 82	412·52 412·52 412·52 412·52 412·52	414·02 414·12 414·12	414 · 22 414 · 22 414 · 22 414 · 22 414 · 22	414 · 22 414 · 22 414 · 22 414 · 22 414 · 32	415·72 415·72 415·72 415·62 415·52	
26	418·22 418·12 418·22 418·02 417·92	416·52 416·42 416·52 416·42 416·42 416·32	416 · 02 416 · 12 416 · 02 416 · 02	415.52	413·42 413·42 413·42	412·72 412·72 412·72 412·72 412·72	412 - 82	414 · 12 414 · 12 414 · 12 414 · 12	414 · 22 414 · 22 414 · 22 414 · 22 414 · 22 414 · 22	414 · 42 414 · 52 414 · 72 414 · 72 414 · 82 414 · 82		414 · 82 414 · 62 414 · 42 414 · 32 414 · 22 414 · 12

Elevations above M S.L. of Petawawa River at Petawawa Highway Bridge, for 1914–15.

TABLE No. 120. 414-02 413 - 52 413-82 414-22 413 · 72 413 · 72 413 · 72 413 · 72 415.52 415-12 413-62 414.02 416.92 415-12 415·12 415·12 415·22 415·52 415·62 415·62 415-32 415-42 414-02 414-02 413 · 62 413 · 52 413 · 42 413 · 52 $413 \cdot 92$ $413 \cdot 72$ $413 \cdot 72$ $413 \cdot 72$ 414.02 $414 \cdot 22$ $413 \cdot 92$ $413 \cdot 52$ 414.02 413-42 413.62 414.02 414-42 415.22 $415 \cdot 72$ 415.42 $414 \cdot 22$ 416.92 415 · 22 415 · 12 415 · 12 413 · 82 413 · 72 414 · 22 414 · 12 416-82 416.82 416 · 42 416 · 52 $413 \cdot 52$ $413 \cdot 52$ 414-12 $416 \cdot 72$ 416-62 414-12 415-02 416-22 415.52 413.72 413-62 414-32 413-82 413.92 413-49 416 · 22 416 · 32 413.82 415·12 415·22 415-22 414-32 416-12 413·72 413·72 413.92 413 · 62 413 · 52 413-62 413-52 416 · 22 416 · 12 415·22 415·22 413.82 414-02 416-02 413 · 52 413 · 52 414-22 26 27

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Pembroke, for 1905.

TABLE No. 121.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1												
2												
3												364-63
4												
5												
6												
7												364 - 49
8												
9												
0												364-44
1												
2 3												
											364-68	2004 40
5												364 - 40
6											364 - 67	364-38
8											001 01	001.0
9												
0												
21											364-64	364 - 36
10												
4											364-63	
5												364-36
												304.31
26 27												
8											964.67	204 45
9											364-67	364 - 43
80												
1												364-88
												20,4,9

Elevations above M.S.L of Ottawa River at Pembroke, for 1905-06.

				FABLE No. 122.
1	366-68 367-98 366-6 366-68 368-13 366-93 368-03 366-5 367-98 368-03 366-5 367-23 367-98 366-3	. 366-33 365-50 365-6 0 366-33 365-3 8 366-18 365-63 365-3	40 365·48 365·58 365· 38 365·68 365· 38 365·58 365·58 365·	23 365·53
6. 365·96 7. 366·08 8 366·13 9. 10. 366·13	367-37 367-98 366-3 367-98 366-3 367-63 367-98 366-3 367-88 367-98 367-93 367-88 366-3	3 366-08 365-73 365-3 6 366-08 365-68	33 365·58 365·58 . 365·58 365·53 365· 38 365·58 365·56 365·	23 23 18 18
11 366·13 12 366·13 13 366·33 14 366·33 15 366·38	368-03 366-3 368-08 367-88 366-3 368-18 367-83 366-2 367-88 366-2 368-27 367-88 366-2	3 365 · 88 365 · 58 365 · 3 8 365 · 86 365 · 58 365 · 4	38 365·58 365· 38 365·58 365·48 365· 48 365·58 365·38	13 13 13 13 18
16	368-27 367-88 368-28 367-83 366-2 368-48 366-2 368-58 367-63 366-3 368-68 367-63 366-3	8 365·53 365·4 8 365·58 365·73 365·3 3 365·38 365·68 365·3	48 365 58 365 38 365 58 365 38 365 38 365 58 365 38 365 38	18
21. 366·13 22. 366·16 23. 24. 366·13 25. 366·18	368·58 367·28 366·368·54 367·28 366·368·38 367·18 366·3 368·28 366·3	8 365-68 365-58 365-88 366-08 365-8	. 365-56 365-23 73 365-58 365-23 88 365-58 365-	18
26. 366·13 27. 366·13 28. 366·16 29. 366·38 30. 31	368·23 366·83 366·3 368·23 366·73	365 · 365 ·	78 365-58 365-23 365- 78 365-58 365-23 365- 365-58 365-23 365- 58 365-58 365-23 365-	16 13

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Pembroke, for 1906.

TABLE No. 123.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1			369·03 368·98 368·93 368·88	368 · 03 367 · 88 367 · 78 367 · 75	366·18 366·08 365·98 365·93	365-68 365-68 365-78 365-78 365-68	365-13 365-03 364-88 364-78 364-68	365-68 364-83 364-88 364-98	366 · 18 365 · 13 365 · 13 365 · 13 365 · 13			
6 7 8 9		369.38	368 · 78 368 · 78 368 · 78 368 · 73	367 · 58 367 · 48 369 · 03 368 · 98	365.08 365.03 365.03 364.98 364.98	365 · 68 365 · 68 365 · 68	364 · 68 364 · 68 364 · 68	$364 \cdot 98$ $364 \cdot 98$ $364 \cdot 98$ $364 \cdot 98$ $365 \cdot 03$	365 · 13 365 · 13 365 · 13 365 · 13			
11. 12. 13. 14.		369 · 48 369 · 58 369 · 68 369 · 78	$369 \cdot 18$ $369 \cdot 08$ $369 \cdot 18$ $369 \cdot 23$ $369 \cdot 18$	368 · 93 368 · 98 368 · 98 368 · 93	365 · 38 365 · 23 365 · 23 365 · 23	365 · 68 365 · 68 365 · 68 365 · 68 365 · 68	364 · 68 364 · 68 364 · 68	365-03 365-03 365-06 365-08	365 · 13 365 · 13 365 · 13 365 · 13			
16		369-83 369-78 369-68 369-63	369-08 367-93 367-96 367-98	368 · 98 368 · 93 368 · 78 368 · 83 368 · 68	365 · 13 365 · 08 365 · 08	365-68 365-68 365-68 365-68	364 · 68 364 · 68 364 · 68 364 · 78 364 · 73	365.08 365.08 366.03 366.08	365 · 08 365 · 08 365 · 03 364 · 98 364 · 93			
21 22 23 24 25		369 · 48 369 · 38 369 · 38 369 · 48 369 · 38	367 · 93 367 · 88 367 · 93 367 · 93	368 · 63 367 · 28 367 · 18 366 · 98	365 · 48 365 · 53 365 · 58 365 · 63 365 · 68	365-78 365-78 365-58 365-48	364 · 73 364 · 68 364 · 73 364 · 78	366-08 366-08 366-13 366-13	364 · 93 364 · 98			
26. 27. 28. 29. 30. 31.		369·38 369·38 369·38 369·18 369·13	367-98 368-03 368-08 368-18 368-28	366 · 68 366 · 58 366 · 48 366 · 28 366 · 23	365-68 365-68 365-68 365-68 365-78	365-38 365-33 365-23 365-13	364 · 73 · 364 · 73 364 · 73 365 · 73	366 · 13 366 · 13 366 · 18 366 · 13 366 · 13	364 · 98 364 · 98 365 · 03 364 · 98			

Elevations above M.S.L. of Ottawa River at Pembroke, for 1912-13.

TABLE No. 124.

					-				-	A . A	DLE NO	. 161.
1 2 3 4 5	364 · 98 364 · 98 364 · 98 364 · 98 365 · 03	367 · 28 367 · 38 367 · 58 367 · 73 367 · 83	370 · 28 370 · 28 370 · 23 370 · 18 370 · 18	367 · 88 367 · 78 367 · 68 367 · 58 367 · 48	366 · 43 366 · 38 366 · 28 366 · 33 366 · 18	365 · 58 365 · 58 365 · 58 365 · 58 365 · 58	365 · 08 365 · 13 365 · 18 365 · 23 365 · 28	366 · 18 366 · 18 366 · 18 366 · 28 366 · 38	366 · 03 366 · 03 366 · 13 366 · 13	365 · 73 365 · 73 365 · 73 365 · 68 365 · 63	365 · 63 365 · 63 365 · 63 365 · 63 365 · 68	365 · 63 365 · 63 365 · 63 365 · 63
6	365.03 365.03 365.03 365.08 365.13	$367 \cdot 93$ $368 \cdot 08$ $368 \cdot 13$ $368 \cdot 18$ $368 \cdot 28$	370 · 18 370 · 08 369 · 98 369 · 88 369 · 78	$\begin{array}{c} 367 \cdot 38 \\ 367 \cdot 28 \\ 367 \cdot 18 \\ 367 \cdot 08 \\ 366 \cdot 98 \end{array}$	366 · 18 366 · 13 366 · 13 366 · 13 366 · 13	365 · 63 665 · 63 365 · 68 365 · 68 365 · 68	365 · 28 365 · 33 365 · 38 365 · 38 365 · 38	366 · 48 366 · 58 366 · 73 366 · 78 366 · 83	366 · 13 366 · 13 366 · 13 366 · 13 366 · 08	365 · 63 365 · 63 365 · 63 365 · 63 365 · 63	365 · 68 365 · 73 365 · 73 365 · 73 365 · 73	365 · 63 365 · 63 365 · 63 365 · 58 365 · 53
11 12 13 14 15	365 · 23 365 · 28 365 · 38 365 · 53 365 · 58	368 · 38 368 · 48 368 · 58 368 · 68 368 · 78	369 · 68 369 · 58 369 · 48 369 · 38 369 · 28	366 · 98 366 · 98 366 · 88 366 · 88 366 · 88	366 · 13 366 · 13 366 · 03 366 · 03	365 · 73 365 · 73 365 · 78 365 · 78 365 · 83	365 · 38 365 · 43 365 · 43 365 · 43 365 · 43	366 · 83 366 · 78 366 · 68 366 · 63 366 · 58	366 · 03 365 · 98 365 · 93 365 · 93 365 · 93	365 · 63 365 · 68 365 · 73 365 · 78 365 · 83	365 · 73 365 · 73 365 · 73 365 · 73 365 · 73	$365 \cdot 53$ $365 \cdot 53$ $365 \cdot 53$ $365 \cdot 53$ $365 \cdot 53$
16 17 18 19 20	365 · 93 366 · 28 366 · 48 366 · 68 366 · 78	$368 \cdot 88$ $368 \cdot 98$ $369 \cdot 08$ $369 \cdot 18$ $369 \cdot 28$	369 · 18 369 · 08 368 · 98 368 · 98 368 · 88	366 · 88 366 · 83 366 · 78 366 · 78	366 · 03 365 · 88 365 · 88 365 · 83 365 · 83	365 · 83 365 · 73 365 · 38 365 · 38 365 · 38	365 · 43 365 · 58 365 · 58 365 · 63 365 · 63	366 · 58 366 · 53 366 · 48 366 · 43 366 · 38	365 · 83 365 · 73 365 · 68 365 · 63 365 · 63	365 · 83 365 · 83 365 · 83 365 · 83 365 · 83	365 · 73 365 · 68 365 · 63 365 · 63 365 · 63	365 · 48 365 · 43 365 · 43 365 · 48 365 · 53
21	366-78 366-88 366-93 366-93 366-98	369 · 38 369 · 48 369 · 68 369 · 78 369 · 98	368 · 78 368 · 68 368 · 58 368 · 48 368 · 38	366 · 78 366 · 73 366 · 68 366 · 68	365 · 83 365 · 78 365 · 73 365 · 68 365 · 68	$365 \cdot 38$ $365 \cdot 38$ $365 \cdot 28$ $365 \cdot 28$ $365 \cdot 23$	365 · 63 365 · 73 365 · 83 365 · 88 365 · 93	366 · 33 366 · 23 366 · 23 366 · 23 366 · 18	365 · 58 365 · 53 365 · 48 365 · 43 365 · 38	$365 \cdot 78$ $365 \cdot 73$ $365 \cdot 73$ $365 \cdot 68$ $365 \cdot 63$	365 · 63 365 · 63 365 · 63 365 · 63 365 · 63	$365 \cdot 58$ $365 \cdot 68$ $365 \cdot 78$ $365 \cdot 88$ $366 \cdot 38$
26. 27. 28. 29. 30.	367-03 367-08 367-13 367-13 367-18	370 · 08 370 · 18 370 · 18 370 · 18 370 · 28 370 · 28	368 · 28 368 · 18 368 · 08 367 · 98 367 · 98	366-68 366-63 366-58 366-58 366-53 366-48	365 · 63 365 · 63 365 · 58 365 · 58 365 · 58 365 · 58	365·13 365·08 365·03 365·03 365·03	365 · 98 366 · 08 366 · 03 366 · 13 366 · 13 366 · 18	366 · 13 366 · 13 366 · 08 366 · 03 366 · 08	365 · 33 365 · 38 365 · 43 365 · 48 365 · 63 365 · 68	365 · 63 365 · 63 365 · 63 365 · 63 365 · 63	365 · 63 365 · 63 365 · 63	366 · 43 366 · 43 366 · 33 366 · 23 366 · 28 366 · 38

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Pembroke, for 1913-14.

TABLE No. 125.

										TA	BLE No	D. 125.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	366 · 43 366 · 48 366 · 58 366 · 68 366 · 73	369 · 53 369 · 93 370 · 23 370 · 23 370 · 18	368 · 43 368 · 33 368 · 28 368 · 28 368 · 23	366-28 366-23 366-18 366-13 366-08	365 · 43 365 · 43 365 · 43 365 · 43 365 · 38	365 · 28 365 · 28 365 · 33 365 · 28 365 · 28	364-78 364-78 364-78 364-78 364-78	365·38 365·43 365·43 365·43 365·43	367 · 13 367 · 18 367 · 23 367 · 23 367 · 23	365 · 98 365 · 88 365 · 83 365 · 83 365 · 78	365·18 365·23 365·28 365·33 365·33	365·23 365·18 365·18 365·13 365·13
6	366 · 78 366 · 83 366 · 93 366 · 93 366 · 93	370 · 18 370 · 08 370 · 03 369 · 93 369 · 83	368 · 13 368 · 03 367 · 98 367 · 93 367 · 83	366-03 365-98 365-93 365-83 365-78	$365 \cdot 33$ $365 \cdot 33$ $365 \cdot 28$ $365 \cdot 28$ $365 \cdot 28$ $365 \cdot 28$	$365 \cdot 23$ $365 \cdot 23$ $365 \cdot 23$ $365 \cdot 23$ $365 \cdot 18$	364·78 364·78 364·78 364·78 364·78	365·48 365·58 365·63 365·68 365·78	$367 \cdot 23$ $367 \cdot 18$ $367 \cdot 13$ $367 \cdot 08$ $367 \cdot 03$	365 · 73 365 · 68 365 · 68 365 · 68 365 · 63	365·33 365·33 365·33 365·33 365·48	365-08 365-08 365-08 365-08 365-08
11. 12 13 14 15	366 · 93 366 · 93 366 · 93 367 · 03 367 · 13	369 · 78 369 · 73 369 · 68 369 · 63 369 · 53	367 · 83 367 · 78 367 · 73 367 · 68 367 · 68	365-68 365-63 365-63 365-58 365-58	$365 \cdot 23$ $365 \cdot 23$ $365 \cdot 23$ $365 \cdot 23$ $365 \cdot 18$	365 · 13 365 · 08 365 · 03 365 · 03 364 · 98	364 · 78 364 · 78 364 · 78 364 · 78 364 · 78	365 · 83 365 · 83 365 · 83 365 · 83 365 · 88	366 · 93 366 · 88 366 · 83 366 · 83 366 · 78	365 · 58 365 · 53 365 · 53 365 · 48 365 · 48	365-48 365-48 365-48 365-48 365-48	365·08 365·08 365·18 365·28 365·33
16 17 18 19 20	367·18 367·23 367·13 367·13 367·13	369 · 43 369 · 33 369 · 23 369 · 13 369 · 03	367 · 63 367 · 58 367 · 53 367 · 43 367 · 33	365 · 53 365 · 53 365 · 53 365 · 53 365 · 53	$365 \cdot 18$ $365 \cdot 18$ $365 \cdot 18$ $365 \cdot 18$ $365 \cdot 13$	364 · 98 364 · 98 364 · 93 364 · 93 364 · 93	364 · 78 364 · 78 364 · 83 364 · 83 364 · 83	365 · 88 365 · 93 365 · 98 365 · 98 366 · 08	366 · 73 366 · 63 366 · 58 366 · 53	365 · 43 365 · 38 365 · 38 365 · 33 365 · 33	365 · 48 365 · 43 365 · 43 365 · 43 365 · 43	365·33 365·33 365·33 365·28 365·23
21 22 23 24 25	367·13 367·13 367·13 367·18 367·23	368 · 93 368 · 88 368 · 83 368 · 73 368 · 68	367·23 367·13 367·03 366·93 366·83	$365 \cdot 53$ $365 \cdot 53$ $365 \cdot 53$ $365 \cdot 53$ $365 \cdot 53$	$365 \cdot 13$ $365 \cdot 13$ $365 \cdot 13$ $365 \cdot 08$ $365 \cdot 08$	364 · 88 364 · 88 364 · 88 364 · 83 364 · 83	$364 \cdot 88$ $364 \cdot 93$ $364 \cdot 98$ $365 \cdot 03$ $365 \cdot 03$	366·18 366·28 366·48 366·58 366·73	366 · 48 366 · 48 366 · 43 366 · 33 366 · 23	$365 \cdot 33$ $365 \cdot 28$ $365 \cdot 23$ $365 \cdot 23$ $365 \cdot 18$	365 · 43 365 · 38 365 · 38 365 · 33 365 · 28	$365 \cdot 23$ $365 \cdot 23$ $365 \cdot 23$ $365 \cdot 18$ $365 \cdot 13$
26. 27. 28. 29. 30. 31.	367-28 367-38 368-13 368-63 369-13	368 - 68 368 - 63 368 - 63 368 - 63 368 - 63 368 - 53	366 · 73 366 · 63 366 · 53 366 · 43 366 · 33	365·48 365·48 365·48 365·48 365·48 365·43	365·13 365·18 365·18 365·23 365·23 365·23	364 · 83 364 · 78 364 · 78 364 · 78 364 · 78	365 · 08 365 · 08 365 · 08 365 · 13 365 · 23 365 · 33	366-88 366-93 366-98 367-03 367-08	$\begin{array}{c} 366 \cdot 13 \\ 366 \cdot 08 \\ 366 \cdot 03 \\ 366 \cdot 03 \\ 366 \cdot 03 \\ 366 \cdot 03 \\ \end{array}$	365 · 18 365 · 18 365 · 18 365 · 18 365 · 18 365 · 18	365 · 23 365 · 23 365 · 23	365-08 365-08 365-08 365-08 365-08

Elevations above M.S.L. of Ottawa River at Pembroke, for 1914-15.

TABLE No. 126. 367·53 367·53 367·63 367·73 367·73 366 · 73 366 · 73 366 · 73 366 · 73 365-08 366 - 53 365.08 364 - 53 364.33 364 - 13 364-48 364-48 364 - 53 365-08 365-08 366 · 48 366 · 43 365·03 364 · 53 364.33 364 · 13 364 · 13 364 - 53 364 - 48 364-58 364 - 28 364 - 53 364 - 53 $364 \cdot 28$ 366.38 364 - 53 364 - 53 364-58 365.08 366.73 366.33 364-98 364 - 53 364 - 23 364 - 13 364 - 58 364 - 53 365-08 364 - 53 364 - 18 364-13 364 - 58 364 - 53 364 - 58 365.08 367 · 83 367 · 93 366 - 73 366 - 23 364.93 364 - 18 364 - 53 364 - 58 365-03 365-03 366-68 366-18 364 - 88 364.53 364 · 13 364 · 08 364 - 13 364 · 63 364 - 53 364 - 63 364 · 23 364 · 23 368-03 366-63 366-13 364-88 364 - 53 $364 \cdot 13$ 364-53 364 - 63 364 - 98 368-13 366-63 366 - 08 364 - 83 364 - 53 364.08 364 - 13 364 - 63 364 - 53 364-63 364-18 364 - 53 364.03 368 - 13 366-63 366.08 364-83 364 - 53 364.08 364 - 13 364.63 361.63 364 - 18 368-18 366 - 58 364 · 78 364 · 78 364 - 53 $364 \cdot 93$ 366-08 364.08 364 - 13 364 - 63 $364 \cdot 53$ 364 - 63 364 · 18 364 · 13 364 - 88 368-18 366 - 53 366-08 364.53 364 - 13 364 - 18 364.63 364-63 364 - 83 368-13 366-48 366.08 364 - 73 364 - 53 364 - 18 364.63 364 - 53 364 - 63 364 - 13 364-63 364 - 83 368-08 366-43 366-03 364 - 53 364 - 13 364 - 18 364 - 53 364 - 63 $364 \cdot 13$ 367 · 98 367 · 98 367 · 83 364.88 366-58 366-03 364-68 364 - 53 364-18 $364 \cdot 18$ 364-63 364.53 364-63 364 - 08 366 · 88 367 · 13 367 · 20 367 · 23 364 · 88 364 · 93 366-03 366-03 364 68 364 68 364 · 53 364 · 53 364 · 18 364 · 23 364·23 364·23 364 · 53 364 · 53 364 · 58 364 · 58 364 · 08 $364\cdot 63$ 364-63 364-68 364-53 367.53 365-98 364 - 18 364 - 23 $364 \cdot 58$ 366·90 367·05 364 - 63 364-53 364-18 364 - 28 364.53 364.53 364 - 53 366 - 13 367·33 367·28 367·23 $365 \cdot 78$ 364-63 364 - 53 364.03 366 · 95 366 · 85 365-68 364-63 $364 \cdot 48$ 366.33 364 - 63 364-48 $364 \cdot 13$ 364 - 33 $364 \cdot 53$ 364.53 364 - 48 366-38 366 - 78 365-48 364-63 364-48 364 - 13 364-38 364 - 53 26 27 366-43 367.03 361.53 361.43 365 · 28 365 · 23 365 · 18 366 - 98 364·13 364·13 364 481 364.03 366 · 73 367 · 13 366-93 $364 \cdot 48$ $364 \cdot 53$ 364-33 364.03 366 · 83 366 · 78 366 · 55 364 · 58 364 - 43 $364 \cdot 13$ 364-43 364 - 43 367-38 365 - 13 364 - 43 364-13 364 - 431 364 - 43 364 - 03

6 GEORGE V. A. 1916

ELEVATIONS above M.S.L. of Black River at Waltham, Que., for 1909-10.

TABLE No. 127.

											DEL IV	
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1			482 · 24 482 · 24 482 · 23 482 · 23 482 · 22	480 · 96 480 · 96 480 · 96 480 · 95 480 · 95	481 · 05 481 · 04 481 · 04 481 · 03 481 · 01	480 · 52 480 · 51 480 · 51 480 · 48 480 · 48	479-55 479-55 479-56 479-58 479-58	479 · 89 479 · 89 479 · 90 479 · 90 479 · 91	480 · 15 480 · 15 480 · 18 480 · 18 480 · 18	480·34 480·34 480·33 480·31 480·30	480 · 08 480 · 07 480 · 07 480 · 07 480 · 07	479 · 95 480 · 15 480 · 15 480 · 20 480 · 21
6			$\begin{array}{c} 482 \cdot 23 \\ 482 \cdot 23 \\ 482 \cdot 21 \\ 482 \cdot 21 \\ 481 \cdot 99 \end{array}$	480 · 97 480 · 96 480 · 95 ±80 · 85 480 · 93	481-00 480-99 480-98 480-95 480-95	480 · 46 480 · 45 480 · 43	479 · 59 479 · 60 479 · 61 479 · 63 479 · 63	479 · 91 479 · 92 479 · 92 479 · 94 479 · 93	$\begin{array}{c} 480 \cdot 30 \\ 480 \cdot 31 \\ 480 \cdot 31 \\ 480 \cdot 31 \\ 480 \cdot 32 \end{array}$	$\begin{array}{c} 480 \cdot 29 \\ 480 \cdot 28 \\ 480 \cdot 26 \\ 480 \cdot 25 \\ 480 \cdot 22 \end{array}$	480 · 05 479 · 85 479 · 85 479 · 93 479 · 92	$\begin{array}{c} 480 \cdot 23 \\ 480 \cdot 24 \\ 480 \cdot 28 \\ 480 \cdot 37 \\ 480 \cdot 39 \end{array}$
11			481 · 98 481 · 98 481 · 97 481 · 96 481 · 95	$480 \cdot 93$ $480 \cdot 93$ $480 \cdot 92$ $480 \cdot 91$ $480 \cdot 91$	480 · 92 480 · 92 480 · 81 480 · 82 480 · 74	480 · 45 480 · 42 480 · 42 480 · 40 480 · 38	479 · 64 479 · 66 479 · 67 479 · 68 479 · 68	479-92 479-92 479-91 479-90 479-90	480 · 33 480 · 34 480 · 34 480 · 34 480 · 34	$\begin{array}{c} 480 \cdot 21 \\ 480 \cdot 21 \\ 480 \cdot 20 \\ 480 \cdot 20 \\ 480 \cdot 20 \end{array}$	429 · 90 479 · 89 479 · 87 479 · 87 479 · 86	480 · 41 480 · 44 480 · 48 480 · 77 480 · 80
16		482 · 45 482 · 51 482 · 55 482 · 63	481 · 85 481 · 93 481 · 84 481 · 73 481 · 73	480 · 90 480 · 82 480 · 81 480 · 83 480 · 82	480 · 72 480 · 67 480 · 65 480 · 65 480 · 64	480 · 37 480 · 25 479 · 79 479 · 70 479 · 70	479·70 479·71 479·71 479·72 479·73	479 · 91 479 · 92 479 · 94 479 · 97 479 · 98	480 · 34 480 · 35 480 · 37 480 · 37 480 · 38	480 · 18 480 · 17 480 · 17 480 · 15 480 · 14	479 · 84 479 · 82 479 · 81 479 · 81 479 · 80	480-84 481-05 481-25 481-31 481-37
21 22 23 24 25		482 · 64 482 · 95 483 · 45 483 · 47 483 · 35	481 · 63 481 · 61 481 · 53 481 · 51 481 · 48	480 · 74 480 · 65 480 · 85 480 · 87 480 · 90	480 · 63 480 · 62 480 · 61 480 · 60	479-68 479-67 479-65 479-63	479 · 75 479 · 76 479 · 78 479 · 80 479 · 85	480.00 480.01 480.03 480.04 480.07	480 · 40 480 · 40 480 · 41 480 · 39 480 · 38	480 · 14 480 · 14 480 · 13 480 · 11 480 · 11	479 · 79 479 · 78 479 · 86 479 · 88 479 · 90	481 · 42 481 · 48 481 · 50 481 · 59 481 · 70
26		483 · 15 482 · 95 482 · 85 482 · 65 482 · 25 482 · 25	481 · 45 481 · 36 481 · 25 481 · 15 480 · 96	481 · 51 481 · 93 482 · 27 482 · 82 482 · 94	480 · 59 480 · 58 480 · 58 480 · 58 480 · 57 480 · 55	479-62 479-60 479-59 479-58 479-55	479 · 86 479 · 87 479 · 87 479 · 88 479 · 89 479 · 90	480 · 08 480 · 11 480 · 13 480 · 15 480 · 15	480 · 37 480 · 37 480 · 36 480 · 36 480 · 35 480 · 35	480 · 10 480 · 09 480 · 10 480 · 09 480 · 08	479-91 479-94	481 · 74 481 · 77 481 · 80 481 · 81 481 · 83 481 · 83

Elevations above M.S.L. of Black River at Waltham, Que., for 1910-11.

TABLE No. 128. 481 - 83 480 - 95 481-58 480-55 480-31 479.79 480 - 12 479-69 479 · 58 479 · 58 479 · 57 479 · 79 479 · 81 479 · 85 479 · 64 479 · 64 481 · 85 481 · 88 480 - 95 481 · 58 481 · 65 480.55480.34 480.43 $479 \cdot 97$ 480 - 10 479 · 68 479 · 68 480 - 94 480.60 481-90 480.02 481.75 480.58479 - 95 481-90 480 - 11 481.75 480-42 480-18 479-92 479-65 481-93 480 - 20 481.95 480 · 56 480 · 57 489-40 479 · 94 479 · 92 479 · 92 479 · 59 479 · 58 479 · 60 479 · 68 479 · 67 479 · 67 431-93 480.00 $481 \cdot 95$ 480 · 25 480 · 25 481.85 481-96 480.00 481.68 480 - 45 479 · 90 479 · 88 479 · 88 479 · 87 479 · 87 479 · 61 479 · 61 479 · 62 $482 \cdot 07$ 480.00 481-65 480.45 478 - 95 479-80 480.45 479 - 60 479 · 68 479 · 68 482-09 480-60 481 · 35 480 · 95 480.43 478-95 478-95 480-41 482-12 479.99 480 - 95 489-41 482-14 481.55479·74 479·73 479·73 479·73 479·64 482 - 15 480 - 20 482 · 48 482 · 51 482 · 54 480 · 01 480 · 03 481 · 38 481 · 25 480 - 20 480 - 181 479.45 480-16 $\begin{array}{c} 479 \cdot 25 \\ 479 \cdot 26 \\ 479 \cdot 26 \\ 479 \cdot 28 \\ 479 \cdot 29 \end{array}$ 479 · 70 479 · 70 479 · 71 479 · 71 479 · 71 482.43 480.95 480 - 95 479 - 64 479 · 93 479 · 91 479.88 479.80 482 - 27

479 · 95 480 · 27 480 · 29

 $479 \cdot 95$

479 - 63

481 · 36 481 · 48 480 - 82

481-48

 $481 \cdot 55$ $481 \cdot 55$ $481 \cdot 57$ 480 - 65

481 · 58 481 · 58 480.95

481-55 480-95

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Black River at Waltham, Que., for 1911-12.

TABLE No. 129.

												7
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	479.68 479.68 479.70 479.70 479.75	482 · 95 482 · 95 482 · 84 482 · 81 482 · 81	481 · 55 481 · 52 481 · 50 481 · 25 481 · 25	480 · 45 480 · 25 480 · 25 480 · 25 480 · 25	479 · 42 479 · 41 479 · 39 479 · 38 479 · 35	480 · 09 480 · 07 480 · 07 480 · 05 480 · 05	479 · 69 479 · 69 479 · 68 479 · 68 479 · 65	480 · 45 480 · 42 480 · 42 480 · 40 480 · 40	480·35 480·35 480·31 480·31 480·29	480·38 480·39 480·39 480·39 480·37		
6	479 · 78 479 · 79 479 · 81 479 · 84 480 · 15	482 · 65 482 · 65 482 · 53 481 · 51 482 · 45	$\begin{array}{c} 480 \cdot 95 \\ 480 \cdot 95 \\ 480 \cdot 92 \\ 480 \cdot 75 \\ 480 \cdot 71 \end{array}$	$\begin{array}{c} 480 \cdot 22 \\ 480 \cdot 22 \\ 480 \cdot 19 \\ 480 \cdot 15 \\ 480 \cdot 11 \end{array}$	479·33 479·33 479·74 479·74 479·84	479 · 95 479 · 75 479 · 75 479 · 73 479 · 72	479 · 65 479 · 63 479 · 62 479 · 62 479 · 59	480 · 38 480 · 38 480 · 39 480 · 40 480 · 40	$\begin{array}{c} 480 \cdot 29 \\ 480 \cdot 29 \\ 480 \cdot 30 \\ 480 \cdot 31 \\ 480 \cdot 31 \end{array}$			
11	480·31 480·34 480·98 481·35 481·51	482 · 22 481 · 95 481 · 81 481 · 60 481 · 58	480 · 85 480 · 98 480 · 99 480 · 99 481 · 45	480.09 480.05 479.75 479.75 479.75	479 · 85 479 · 88 479 · 88 479 · 92 479 · 93	479 · 64 479 · 62 479 · 62 479 · 61 479 · 61	479 · 59 479 · 59 479 · 63 479 · 67 479 · 70	480 · 41 480 · 41 480 · 42 480 · 42 480 · 42	480 · 33 480 · 34 480 · 35 480 · 40 480 · 40	480 · 90 480 · 88 480 · 88		
16	481.51 481.51 481.73 481.74	481 · 55 481 · 53 481 · 53 481 · 50 481 · 45	481 · 45 481 · 45 481 · 45 481 · 34 481 · 31	479 · 75 479 · 73 479 · 69 479 · 65	479 · 95 479 · 95 479 · 95 480 · 13 480 · 14	479 · 60 479 · 60 479 · 61 479 · 63 479 · 63	479 · 70 479 · 71 479 · 72 479 · 74 479 · 95	480 · 40 480 · 38 480 · 38 480 · 38 480 · 37	480 · 42 480 · 44 480 · 46 480 · 47 480 · 47	479 · 94 479 · 94 479 · 92 479 · 92 479 · 92		
21	481 · 85 481 · 94 482 · 38 482 · 60 482 · 63	481 · 25 481 · 45 481 · 52 481 · 73 481 · 74	481 · 25 480 · 95 480 · 90 480 · 75 480 · 54	479 · 62 479 · 62 479 · 57 479 · 55 479 · 55	480 · 15 480 · 15 480 · 15 480 · 15 480 · 14	479 · 63 479 · 64 479 · 73 479 · 73 479 · 73	$479 \cdot 95$ $480 \cdot 05$ $480 \cdot 25$ $480 \cdot 27$ $480 \cdot 27$	480 · 37 480 · 38 480 · 39 480 · 39 480 · 40	480 · 49 480 · 49 480 · 49 480 · 50 480 · 50	479 · 90 479 · 90 479 · 89 479 · 89 479 · 89		
26	482.68 482.73 482.84 482.94 482.95	481 · 85 481 · 85 481 · 68 481 · 65 481 · 59 481 · 55	480 · 54 480 · 53 480 · 52 480 · 51 480 · 45	479 · 53 479 · 51 479 · 45 479 · 45 479 · 42 479 · 42	480 · 14 480 · 12 480 · 12 480 · 11 480 · 11 480 · 10	479 · 72 479 · 71 479 · 71 479 · 70 479 · 69	480·31 480·33 480·35 480·38 480·45	480 · 41 480 · 43 480 · 43 480 · 40 480 · 37	480 · 50 480 · 45 480 · 43 480 · 41 480 · 38 480 · 38			

Elevations above M.S.L. of Black River at Waltham, Que., for 1912-13.

TABLE No. 130. 480.85 $481 \cdot 45$ 480 - 05 480 - 35 480-85 481 · 45 481 · 35 480.05 480.45 480.85 480.85 480 - 15 480 - 65 480.85 480.85 480 - 15 481.25 480.75 $481 \cdot 15$ $481 \cdot 25$ 480 - 65 $481 \cdot 35$ 481 · 25 481 · 15 480 · 15 480 · 15 480 · 25 480 · 55 480 · 55 480 · 55 480 · 55 481.45 480.65 481-45 481.05481.05 480.95 480 - 15 480.65 480 - 25 481.55 480 · 75 480 · 75 480 · 75 480 · 75 480 · 65 480 - 85 480 - 25 $480 \cdot 55$ 481 - 15 $480 \cdot 35$ 480.05 480.95 479 · 95 479 · 95 $480 \cdot 35$ $479 \cdot 95$ $479 \cdot 75$ $479 \cdot 75$ 480 - 65 480 - 95480 · 25 480 · 05 480 · 65 480 · 75 480 - 85 480.85 480 - 75 479.95 $480 \cdot 65$ 480.65 480 - 55 479 · 95 479 · 85 479 · 85 480 · 45 480 · 55 $480 \cdot 45$ 480.65 480 - 15 480.85 480 - 15 480 - 75 480 - 15 480-85 480 - 95 481-15 480 · 15 480 · 25 480 · 25 480 · 25 480 · 35 481-15 481 · 15 481 · 15 480.85 480.85

6 GEORGE V, A. 1916

Elevations above M.S.L. of Black River at Waltham, Que., for 1913-14.

TABLE No. 131.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oet.	Nov.	Dec.	Jan.	Feb.	March
	481·25 481·35 481·35 481·35 481·45	482·55 482·45 482·25 481·95 481·75	480 · 55 480 · 45 480 · 45 480 · 65 480 · 75	479·95 479·85 479·75 479·75 479·75	479·35 479·35 479·25 479·25 479·25	479 · 25 479 · 25 479 · 25 479 · 25 479 · 25	479 · 25 479 · 35 479 · 55 479 · 55 479 · 55	480 · 15 480 · 15 480 · 05 480 · 05 479 · 95	480 · 45 480 · 45 480 · 35 480 · 35 480 · 35	479 · 95 479 · 75 479 · 65 479 · 75 479 · 75	479 - 55 479 - 55 479 - 55 479 - 55 479 - 55	479 - 479 -
	481 · 55 481 · 55 481 · 65 481 · 65 481 · 75	$481 \cdot 45$ $481 \cdot 35$ $481 \cdot 25$ $481 \cdot 15$ $480 \cdot 95$	480 · 95 480 · 95 480 · 95 480 · 85 480 · 75	479 · 65 479 · 65 479 · 65 479 · 55 479 · 55	$479 \cdot 25$	479 · 25 479 · 15 479 · 15 479 · 15 479 · 05	479 · 55 479 · 45 479 · 45 479 · 45 479 · 35	479 · 85 479 · 85 479 · 85 479 · 85 479 · 95	$480 \cdot 35$ $480 \cdot 35$ $480 \cdot 25$ $480 \cdot 15$ $480 \cdot 25$	479 · 75 479 · 75 479 · 75 479 · 75 479 · 65	479 · 65 479 · 65 479 · 65 479 · 65 479 · 65	479 -: 479 -: 479 -: 479 -: 479 -:
	481 · 85 482 · 05 481 · 95 482 · 05 482 · 15	480 · 85 480 · 85 480 · 65 480 · 65	480 · 75 480 · 55 480 · 45 480 · 45 480 · 35	479 · 55 479 · 75 479 · 75 479 · 75 479 · 65	$479 \cdot 25$ $479 \cdot 15$ $479 \cdot 15$ $479 \cdot 15$ $479 \cdot 05$	479.05 478.95 478.85 478.85 478.85	479 · 35 479 · 45 479 · 45 479 · 35 479 · 55	480 · 35 480 · 55 480 · 75 480 · 85 480 · 75	479 · 95 479 · 75 479 · 75 479 · 95 479 · 95	479 · 65 479 · 65 479 · 65 479 · 95 479 · 85	479 · 65 479 · 65 479 · 55 479 · 75 479 · 85	479 · 479 · 479 · 479 · 479 ·
	482 · 25 482 · 35 482 · 35 482 · 45 482 · 55	480 · 65 480 · 75 480 · 85 480 · 65 480 · 65	$480 \cdot 35$ $480 \cdot 25$ $480 \cdot 15$ $480 \cdot 15$ $480 \cdot 25$	479 · 65 479 · 65 479 · 65 479 · 55 479 · 65	479.05 478.95 478.95 478.95 478.95	478 · 85 478 · 85 478 · 95 478 · 95 478 · 95	479 · 55 479 · 65 479 · 65 479 · 65 479 · 65	480 · 65 480 · 55 480 · 45 480 · 35 480 · 35	479 · 85 479 · 85 479 · 85 479 · 85 479 · 85	479·85 479·85 479·85 479·85 479·75	479 · 75 479 · 65 479 · 65 479 · 65 479 · 65	479 · 479 · 479 · 479 ·
	482 · 45 482 · 45 482 · 35 482 · 25 482 · 15	480 · 75 480 · 85 480 · 85 480 · 85 480 · 85	480 · 15 480 · 25 480 · 05 479 · 95 479 · 95	479 · 55 479 · 55 479 · 55 479 · 55 479 · 55	478 · 85 478 · 85 478 · 85 478 · 85 478 · 85	478 · 95 479 · 05 479 · 05 479 · 05 479 · 05	479.65 479.75 479.85 479.95 479.95	480 · 35 480 · 35 480 · 35 480 · 45 480 · 55	479 · 85 479 · 75 479 · 75 479 · 85 479 · 85	479·75 479·75 479·65 479·65	479 · 75 480 · 00 479 · 75 479 · 65 479 · 65	479 - 479 - 479 - 479 - 479 -
	482 · 15 482 · 25 482 · 35 482 · 55 482 · 65	480 · 95 480 · 95 480 · 85 480 · 75 480 · 55	479 · 85 479 · 95 480 · 15 480 · 15 480 · 05	479 · 55 479 · 45 479 · 45 479 · 45 479 · 35	478 · 85 479 · 05 479 · 15 479 · 25 479 · 25	479 · 15 479 · 25 479 · 25 479 · 25 479 · 25	480 · 05 480 · 15 480 · 25 480 · 25 480 · 25	480 · 55 480 · 35 480 · 35 480 · 45	479.85 479.75 479.75 479.75 479.85	479 · 65 479 · 65 479 · 65 479 · 55	479 · 65 479 · 65 479 · 55	479 479 479 479 479

Elevations above M.S.L. of Black River at Waltham, Que., for 1914-15.

TABLE No. 132.

1	479 · 45 479 · 45 479 · 45 479 · 45 479 · 55	481 · 95 481 · 85 481 · 75 481 · 65 481 · 45	480 · 15 479 · 85 479 · 85 479 · 85 479 · 85	480 · 35 480 · 35 480 · 35 480 · 45 480 · 45	479 · 25 479 · 25 479 · 05 478 · 95 478 · 95	478-95 478-95 478-95 478-95 478-95	478-85 478-85 478-85 478-85 478-85	479·38 479·38 479·38 479·38 479·45	479 · 85, 479 · 95 480 · 05 480 · 05 480 · 05	479 · 45 479 · 45 479 · 45 479 · 40 479 · 40	479 · 35 479 · 35 479 · 35 479 · 35 479 · 35	479 · 45 479 · 45 479 · 45 479 · 40 479 · 40
6	479 · 55 479 · 55 479 · 55 479 · 55 479 · 55	$\begin{array}{c} 481 \cdot 15 \\ 481 \cdot 15 \\ 481 \cdot 05 \\ 481 \cdot 05 \\ 480 \cdot 95 \end{array}$	$\begin{array}{c} 480 \cdot 55 \\ 480 \cdot 45 \\ 480 \cdot 05 \\ 479 \cdot 95 \\ 480 \cdot 15 \end{array}$	$\begin{array}{c} 480 \cdot 45 \\ 480 \cdot 35 \\ 480 \cdot 55 \\ 485 \cdot 55 \\ 480 \cdot 55 \end{array}$	478 · 85 478 · 75 478 · 65 478 · 55 478 · 55	$\begin{array}{c} 478 \cdot 95 \\ 479 \cdot 25 \\ 479 \cdot 25 \\ 479 \cdot 25 \\ 479 \cdot 15 \end{array}$	478 · 85 478 · 75 478 · 85 478 · 85 479 · 05	$\begin{array}{c} 479 \cdot 45 \\ 479 \cdot 45 \\ 479 \cdot 45 \\ 479 \cdot 44 \\ 479 \cdot 42 \end{array}$	$\begin{array}{c} 480 \cdot 20 \\ 480 \cdot 20 \\ 480 \cdot 05 \\ 480 \cdot 05 \\ 479 \cdot 96 \end{array}$	$\begin{array}{c} 479 \cdot 40 \\ 479 \cdot 48 \\ 479 \cdot 50 \\ 479 \cdot 50 \\ 479 \cdot 55 \end{array}$	479-35 479-35 479-35 479-31 479-35	479 · 45 479 · 45 479 · 40 479 · 38 479 · 35
11	479 · 55 479 · 55 479 · 55 479 · 55 479 · 65	$\begin{array}{c} 480 \cdot 85 \\ 480 \cdot 75 \\ 480 \cdot 65 \\ 480 \cdot 55 \\ 480 \cdot 55 \end{array}$	$\begin{array}{c} 480 \cdot 25 \\ 480 \cdot 15 \\ 480 \cdot 15 \\ 480 \cdot 05 \\ 479 \cdot 65 \end{array}$	$\begin{array}{c} 480 \cdot 55 \\ 480 \cdot 45 \\ 480 \cdot 35 \\ 480 \cdot 35 \\ 480 \cdot 55 \end{array}$	$\begin{array}{c} 478 \cdot 55 \\ 478 \cdot 45 \\ 478 \cdot 45 \\ 478 \cdot 45 \\ 478 \cdot 55 \end{array}$	$\begin{array}{c} 479 \cdot 15 \\ 479 \cdot 15 \\ 479 \cdot 15 \\ 479 \cdot 05 \\ 479 \cdot 05 \\ 479 \cdot 05 \end{array}$	479 · 25 479 · 25 479 · 25 479 · 25 479 · 35	479 · 42 479 · 31 479 · 20 478 · 75 479 · 35	479 · 86 479 · 95 480 · 05 479 · 84 479 · 68	479 · 55 479 · 55 479 · 55 479 · 55 479 · 55	479 · 35 479 · 35 479 · 35 479 · 38 479 · 44	479 · 35 479 · 35 479 · 35 479 · 35 479 · 45
16	479 · 65 479 · 85 480 · 05 480 · 45 481 · 05	480 · 55 480 · 55 480 · 45 480 · 35 480 · 35	$\begin{array}{c} 479 \cdot 65 \\ 479 \cdot 85 \\ 479 \cdot 75 \\ 479 \cdot 75 \\ 480 \cdot 05 \end{array}$	$\begin{array}{c} 490 \cdot 55 \\ 480 \cdot 45 \\ 480 \cdot 35 \\ 480 \cdot 35 \\ 480 \cdot 25 \end{array}$	479 · 35 478 · 45 478 · 25 478 · 45 479 · 05	479.05 479.05 478.95 478.95 479.05	479 · 35 479 · 45 479 · 45 479 · 45 479 · 45	$\begin{array}{c} 479\cdot 60 \\ 479\cdot 85 \\ 479\cdot 94 \\ 479\cdot 97 \\ 480\cdot 04 \end{array}$	479 · 60 479 · 55 479 · 55 479 · 58 479 · 60	$\begin{array}{c} 479 \cdot 55 \\ 479 \cdot 55 \\ 479 \cdot 55 \\ 479 \cdot 55 \\ 479 \cdot 50 \end{array}$	479 - 44 479 - 42 479 - 38 479 - 38	479 · 48 479 · 55 479 · 55 479 · 45 479 · 40
21 22 23 24 25	481 · 45 481 · 35 481 · 45 481 · 65 481 · 55	$\begin{array}{c} 480 \cdot 15 \\ 480 \cdot 05 \\ 480 \cdot 05 \\ 480 \cdot 05 \\ 480 \cdot 15 \end{array}$	$\begin{array}{c} 480 \cdot 05 \\ 479 \cdot 75 \\ 479 \cdot 35 \\ 479 \cdot 55 \\ 479 \cdot 85 \end{array}$	$\begin{array}{c} 480 \cdot 15 \\ 480 \cdot 05 \\ 479 \cdot 95 \\ 480 \cdot 25 \\ 479 \cdot 75 \end{array}$	479 · 05 479 · 05 479 · 15 479 · 15 479 · 05	478 · 95 478 · 85 478 · 85 478 · 85 478 · 85	479 · 35 479 · 35 479 · 35 479 · 35 479 · 35	$\begin{array}{c} 480 \cdot 05 \\ 480 \cdot 14 \\ 480 \cdot 05 \\ 480 \cdot 05 \\ 479 \cdot 95 \end{array}$	479 · 55 479 · 55 479 · 50 479 · 45 479 · 45	479 · 48 479 · 48 479 · 45 479 · 45 479 · 45	479 · 38 479 · 38 479 · 35 479 · 35 479 · 45	479 · 35 479 · 40 479 · 40 479 · 40 479 · 45
26	481 · 35 481 · 35 481 · 35 481 · 65 481 · 85	$\begin{array}{c} 480 \cdot 05 \\ 479 \cdot 95 \\ 480 \cdot 05 \\ 480 \cdot 15 \\ 480 \cdot 35 \\ 480 \cdot 25 \end{array}$	479 · 55 479 · 55 480 · 05 479 · 85 480 · 15	479-65 479-55 479-45 479-45 479-35 479-25	479 · 05 479 · 05 478 · 95 478 · 95 478 · 95 478 · 95	478 · 85 478 · 85 478 · 85 478 · 85 478 · 85	479·35 479·35 479·35 479·35 479·44 479·42	479 - 95 479 - 95 479 - 85 479 - 85 479 - 85	479 - 45 479 - 45 479 - 45 479 - 45 479 - 45 479 - 45	479 - 45 479 - 45 479 - 45 479 - 38 479 - 37 479 - 35	479-45 479-45 479-45	479 - 45 479 - 45 479 - 45 479 - 40 479 - 40 479 - 40

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at head of Lake Coulonge, for 1906.

TABLE No. 133.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar
												344
												344 -
												344
												344
												344
												344
												344
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												341
												344
												344
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												344
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												344
												344
												344
												344
												344
					212							344
												344
												344
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												344
												344
												344
											345.00	344
											345.00	344
												345
												345
												345

Elevations above M.S.L. of Ottawa River at head of Lake Coulonge, for 1906.

TABLE No. 134 342 · 80 342 · 70 342 · 70 342 · 70 345-20 349.90 352.00 351 - 10 346-00 343 · 70 343 · 70 342-90 345 - 30 $350 \cdot 20 \\ 350 \cdot 60$ 350 - 80 342·90 343·00 345-90 343.80 351.80 350 - 50 345-90 343 - 60 343 - 80 343.60 350.90 $345 \cdot 40$ $351 \cdot 50$ 350.00 345-80 $343 \cdot 50$ 342.60 343.00 343.80 351 · 10 351 · 90 352 · 00 352 · 20 345 · 70 345 · 70 $345 \cdot 50$ 349-70 345.50 349.50 343.30 342 · 60 342 · 60 342 · 60 343.05 343.80 345.50 343 · 20 343 · 20 349 - 80 345-60 343.90 349 - 10 345.50 352 - 10 345.50 345 - 50 352 - 20 348 - 76 343-10 344 - 00 342 · 50 342 · 60 342 · 70 342 · 70 342 · 70 352 - 70 352 · 30 352 · 30 352 · 30 348 - 50 343 - 10 343 - 15 344.00 345.60 348 - 30 345.20 345.60 348 · 10 347 · 90 343.00 $343 \cdot 20$ $343 \cdot 20$ 345.80 345.00 343.00 346.00 353 · 10 352 · 20 352 · 10 352 · 10 347 - 70 $342 \cdot 70$ 344-90 343 - 30 344 - 00 347 · 70 347 · 60 347 · 50 347 · 30 347 · 10 346 - 20 344.80 344.70 343.00 342.90 342 · 70 342 · 70 346-40 346 - 89 347 - 50 344.60 342 - 80 343-40 347-80 351.90 347.00 343 - 50 348-60 352 · 80 352 · 60 352 · 50 342 · 80 342 · 70 342 · 70 343 · 50 343 · 50 343 · 50 346-90 346-80 344.40 346-60 $\begin{array}{c} 342\cdot 70 \\ 342\cdot 70 \\ 342\cdot 70 \\ 342\cdot 80 \\ 342\cdot 80 \end{array}$ 349-20 351.70 345-50 343-60 343-80 352·40 352·40 352·30 343-60 346 20 346 10 343 · 70 343 · 70 351.40

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Coulonge River at Coulonge Chute, for 1905.

TABLE No. 135.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Mar.
1 2 3 4 5		505·15 505·05 504·75 504·65 504·55	503 · 55 503 · 25 503 · 25 503 · 55 503 · 55	502 · 85 502 · 75 502 · 65 502 · 55 502 · 45	503 · 05 502 · 95 502 · 85 502 · 95 502 · 65	501 · 15 501 · 15 501 · 25 501 · 25 501 · 25	501 · 65 501 · 65 501 · 75 501 · 75 501 · 75	502 - 95				
6		504 · 35 504 · 85 505 · 45 505 · 55	503 · 45 503 · 75 503 · 85 503 · 85 503 · 95	502 · 55 502 · 65 502 · 65 502 · 55 502 · 55	502 · 55 502 · 55 502 · 55 502 · 45 502 · 35	$501 \cdot 25$ $501 \cdot 35$ $501 \cdot 45$ $501 \cdot 55$ $501 \cdot 55$	501 · 65 501 · 65 501 · 65 501 · 65 501 · 65	502·45 502·35				
11		505 · 65 505 · 75 505 · 45 505 · 05 504 · 65	504 · 15 503 · 25 503 · 35 503 · 45 503 · 75	$502 \cdot 45$ $502 \cdot 45$ $502 \cdot 55$ $502 \cdot 65$ $502 \cdot 85$	$502 \cdot 15$ $502 \cdot 05$ $501 \cdot 95$ $501 \cdot 95$ $501 \cdot 95$	501 · 55 501 · 65 501 · 65 501 · 65 501 · 75	501 · 65 501 · 75 501 · 85 501 · 55 501 · 95	502 · 15 502 · 15 502 · 25 502 · 25				
16		504 · 65 504 · 85 505 · 05 505 · 15 505 · 35	503 · 85 503 · 85 503 · 65 503 · 45 503 · 35	502.85 502.85 502.95 502.95 503.05	501 · 85 501 · 85 501 · 85 501 · 85 501 · 75	501 · 75 501 · 75 501 · 85 501 · 85 501 · 95	502 · 45 502 · 85					
21		505 · 25 504 · 95 504 · 65 504 · 65		503 · 05 502 · 95 502 · 65 502 · 55 502 · 85	501 · 75 501 · 65 501 · 65 501 · 55 501 · 45	502·05 502·15 502·05 501·95 501·95	503 · 55 503 · 55 503 · 55					
26	502 · 85 503 · 25 503 · 45		503 · 05 503 · 05 502 · 95 502 · 85	503 · 45 503 · 65 503 · 25	501 · 35 501 · 35 501 · 35 501 · 25 501 · 25 501 · 25	501 · 75 501 · 75 501 · 75 501 · 65	503·45 503·35					

ELEVATIONS above M.SL. of Coulonge River at Coulonge Chute, for 1908.

TABLE NO. 136

L		
2		
3	507 - 35	
4	507-25	
	507 - 05	
5	001 00	
	ene es	
6		
7		
8,		
9		
10	506 • 05	
11		
12	505.55	
13	505 - 25	
14 508-65		
14		
15 508-65	000 10	
16 508-55	EOE 15	
10		
18 507.75		
19 507.45		
20		
21 507 - 25		
22 507 - 15		manufacture between the state of state of
23	505.05	
24 507 - 15	504 - 75	
25		
23,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	001 001	
26 506-95	504 - 25	
	307-00	
29 506.75		
30 506.75		
31 506 - 95		

SESSIONAL PAPER No. 19a

 ${\bf Elevations\ above\ M.S.L.\ of\ Coulonge\ River\ at\ Coulonge\ Chute,\ for\ 1909-10.}$

<u>-</u>					1			-			BLE N	0. 101.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Marcl
1			508 · 05 507 · 25 506 · 75 506 · 65 506 · 35	503 · 00 502 · 95 502 · 85 502 · 95 503 · 05		502 · 65 502 · 60 502 · 55 502 · 62 502 · 35	502 · 75 502 · 75 502 · 74 502 · 65 502 · 65	502 · 80 502 · 75 502 · 75 502 · 75 502 · 70	502 · 95 503 · 05 503 · 00 502 · 95 503 · 05	502 · 95 502 · 45 502 · 45 502 · 35 502 · 25	501 · 75 501 · 65 501 · 55 501 · 45 501 · 45	502 - 502 - 502 - 502 - 502 -
6. 7. 8. 9.			506 · 05 505 · 85 504 · 55 504 · 45 504 · 35	$503 \cdot 21$ $503 \cdot 25$ $503 \cdot 15$ $502 \cdot 85$ $502 \cdot 55$	505-55	$\begin{array}{c} 502 \cdot 35 \\ 502 \cdot 28 \\ 502 \cdot 25 \\ 502 \cdot 15 \\ 502 \cdot 10 \end{array}$	$502 \cdot 55$ $502 \cdot 47$ $502 \cdot 40$ $502 \cdot 35$ $502 \cdot 45$	$502 \cdot 65$ $502 \cdot 75$ $502 \cdot 75$ $502 \cdot 85$ $502 \cdot 85$	503 · 05 502 · 95 502 · 95 502 · 95 502 · 85	502 · 25 502 · 15 502 · 05 501 · 95 501 · 95	501 · 45 501 · 45 501 · 45 501 · 35 501 · 35	502 · 502 · 502 · 503 ·
1			504 · 15 503 · 75 503 · 55 503 · 55 503 · 55	502 · 55 502 · 60 502 · 60 502 · 65 502 · 65	505 · 35 505 · 25 505 · 14 504 · 75 504 · 55	$\begin{array}{c} 502 \cdot 05 \\ 502 \cdot 15 \\ 502 \cdot 15 \\ 502 \cdot 10 \\ 502 \cdot 05 \end{array}$	502 · 45 502 · 47 502 · 55 502 · 55 502 · 65	502 · 85 502 · 80 502 · 75 502 · 75 502 · 70	502 · 85 502 · 85 502 · 75 502 · 75 502 · 85	501 · 90 501 · 85 501 · 75 501 · 75 501 · 65	501 · 35 501 · 35 501 · 45 501 · 45 501 · 55	503 - 503 - 503 - 503 -
6		$510 \cdot 55$ $511 \cdot 15$ $511 \cdot 55$ $512 \cdot 05$ $512 \cdot 05$	503 · 45 503 · 50 503 · 35 503 · 35 503 · 45	502 · 55 502 · 65 502 · 55 502 · 55 502 · 65	$504 \cdot 35$ $504 \cdot 35$ $504 \cdot 25$ $504 \cdot 35$ $504 \cdot 25$	$501 \cdot 95$ $502 \cdot 00$ $501 \cdot 95$ $502 \cdot 05$ $502 \cdot 05$	502 · 65 502 · 70 502 · 70 502 · 75 502 · 75	502 · 65 502 · 65 502 · 65 502 · 60 502 · 55	$502 \cdot 95$ $503 \cdot 05$ $503 \cdot 05$ $503 \cdot 05$ $503 \cdot 05$	501 · 55 501 · 55 501 · 55 501 · 55 501 · 65	$501 \cdot 55$ $501 \cdot 55$ $501 \cdot 50$ $501 \cdot 45$ $501 \cdot 55$	503 503 503 503
1 2 3 4 5		511 · 55 511 · 15 510 · 05 509 · 75 509 · 55	503 · 50 503 · 51 503 · 55 503 · 55 503 · 45	502 · 85 503 · 15 503 · 35 503 · 55	504 · 10 503 · 85 503 · 75 503 · 55 503 · 40	502 · 25 502 · 40 502 · 45 502 · 45 502 · 55	502 · 85 502 · 85 502 · 85 502 · 85 502 · 90	$502 \cdot 55$ $502 \cdot 55$ $502 \cdot 45$ $502 \cdot 45$ $502 \cdot 55$	503 · 15 503 · 15 503 · 05 503 · 00 502 · 95	501 · 70 501 · 75 501 · 85 501 · 85 501 · 90	501 · 55 501 · 65 501 · 65 501 · 75 501 · 75	503 - 503 - 503 - 503 -
6		509·45 509·25 509·10 508·75 508·55	503 · 44 503 · 25 503 · 25 503 · 14 503 · 05		503 · 15 502 · 85 502 · 65 502 · 65 502 · 64 502 · 55	502.55 502.65 502.65 502.70 502.75	502 · 90 502 · 90 502 · 85 502 · 85 502 · 85 502 · 85	502 · 55 502 · 65 502 · 75 502 · 85 502 · 85	502.95 503.00 502.95 502.95 502.95 502.95	501.65	501·85 501·95 502·05	503 - 503 - 503 - 504 - 504 - 504 -

ELEVATIONS above M.S.L. of Coulonge River at Coulonge Chute, for 1910-11.

										TA	BLE No	. 138.
1	504 · 95 505 · 35 505 · 75 506 · 05 506 · 45	505 · 55 505 · 50 505 · 75 505 · 95 505 · 75	$\begin{array}{c} 505 \cdot 05 \\ 505 \cdot 35 \\ 505 \cdot 45 \\ 505 \cdot 75 \\ 505 \cdot 75 \end{array}$	504 · 15 504 · 05 504 · 00 503 · 85 503 · 77	502·45 502·45 502·50 502·45 502·35	$\begin{array}{c} 502 \cdot 10 \\ 502 \cdot 10 \\ 502 \cdot 15 \\ 502 \cdot 20 \\ 502 \cdot 25 \end{array}$	502 · 75 502 · 80 502 · 80 502 · 85 502 · 85	503 · 33 503 · 30 503 · 25 503 · 25 503 · 20	503 · 10 503 · 05 503 · 00 503 · 00 502 · 95	502.60 502.55 502.55 502.50 502.45	502 · 40 502 · 35 502 · 32 502 · 27 502 · 55	502 · 40 502 · 43 502 · 45 502 · 45 502 · 45
6	$\begin{array}{c} 507 \cdot 05 \\ 507 \cdot 45 \\ 507 \cdot 55 \\ 507 \cdot 55 \\ 507 \cdot 45 \end{array}$	$505 \cdot 55$ $505 \cdot 45$ $505 \cdot 45$ $505 \cdot 25$ $505 \cdot 15$	505·85 505·75 505·65 505·35	$503 \cdot 65$ $503 \cdot 45$ $503 \cdot 35$ $503 \cdot 15$ $503 \cdot 05$	$\begin{array}{c} 502 \cdot 35 \\ 502 \cdot 35 \\ 502 \cdot 30 \\ 502 \cdot 35 \\ 502 \cdot 25 \end{array}$	$\begin{array}{c} 502 \cdot 15 \\ 502 \cdot 15 \\ 502 \cdot 10 \\ 502 \cdot 05 \\ 502 \cdot 05 \end{array}$	502.85 502.90 502.95 503.00 503.05	$\begin{array}{c} 503 \cdot 25 \\ 503 \cdot 30 \\ 503 \cdot 35 \\ 503 \cdot 35 \\ 503 \cdot 30 \end{array}$	$\begin{array}{c} 502 \cdot 95 \\ 503 \cdot 00 \\ 503 \cdot 05 \\ 503 \cdot 05 \\ 503 \cdot 05 \end{array}$	$502 \cdot 45$ $502 \cdot 45$ $502 \cdot 45$ $502 \cdot 40$ $502 \cdot 40$	502·55 502·55 502·57 502·57 502·60	$502 \cdot 47$ $502 \cdot 47$ $502 \cdot 45$ $502 \cdot 45$ $502 \cdot 43$
11	$\begin{array}{c} 507 \cdot 05 \\ 506 \cdot 95 \\ 506 \cdot 15 \\ 506 \cdot 05 \\ 505 \cdot 85 \end{array}$	$\begin{array}{c} 504\cdot00 \\ 504\cdot85 \\ 504\cdot65 \\ 504\cdot45 \\ 504\cdot35 \end{array}$	$\begin{array}{c} 505 \cdot 05 \\ 504 \cdot 95 \\ 505 \cdot 00 \\ 504 \cdot 95 \\ 504 \cdot 85 \end{array}$	$\begin{array}{c} 502 \cdot 85 \\ 502 \cdot 90 \\ 502 \cdot 80 \\ 502 \cdot 75 \\ 502 \cdot 65 \end{array}$	$\begin{array}{c} 502 \cdot 25 \\ 502 \cdot 25 \\ 502 \cdot 15 \\ 502 \cdot 35 \\ 502 \cdot 45 \end{array}$	$\begin{array}{c} 502\cdot05\\ 502\cdot05\\ 502\cdot00\\ 502\cdot00\\ 502\cdot00\\ 501\cdot95 \end{array}$	$\begin{array}{c} 503 \cdot 10 \\ 503 \cdot 15 \\ 503 \cdot 25 \\ 503 \cdot 30 \\ 503 \cdot 40 \end{array}$	$503 \cdot 25$ $503 \cdot 20$ $503 \cdot 20$ $503 \cdot 15$ $503 \cdot 15$	$\begin{array}{c} 503 \cdot 05 \\ 503 \cdot 10 \\ 503 \cdot 15 \\ 503 \cdot 15 \\ 503 \cdot 10 \\ \end{array}$	$\begin{array}{c} 502 \cdot 35 \\ 502 \cdot 35 \\ 502 \cdot 30 \\ 502 \cdot 30 \\ 502 \cdot 25 \end{array}$	502 · 60 502 · 55 502 · 50 502 · 45 502 · 43	502 · 43 502 · 40 502 · 40 502 · 37 502 · 35
16	$\begin{array}{c} 505 \cdot 55 \\ 505 \cdot 65 \\ 505 \cdot 65 \\ 505 \cdot 75 \\ 505 \cdot 85 \end{array}$	$\begin{array}{c} 504 \cdot 35 \\ 504 \cdot 55 \\ 504 \cdot 45 \\ 504 \cdot 50 \\ 504 \cdot 45 \end{array}$	$\begin{array}{c} 504 \cdot 85 \\ 504 \cdot 65 \\ 504 \cdot 45 \\ 504 \cdot 25 \\ 504 \cdot 30 \end{array}$	502·45 502·45 502·55 502·55 502·60	502 · 45 502 · 55 502 · 65 502 · 65 502 · 55	$\begin{array}{c} 501 \cdot 95 \\ 501 \cdot 90 \\ 502 \cdot 20 \\ 502 \cdot 25 \\ 502 \cdot 25 \end{array}$	$\begin{array}{c} 503 \cdot 45 \\ 503 \cdot 45 \\ 503 \cdot 42 \\ 503 \cdot 40 \\ 503 \cdot 40 \end{array}$	$503 \cdot 17$ $503 \cdot 15$ $503 \cdot 10$ $503 \cdot 10$ $503 \cdot 10$	503 · 05 503 · 00 502 · 95 502 · 95 503 · 00	502 · 25 502 · 30 502 · 35 502 · 40 502 · 45	502·37 502·35 502·33 402·35 502·35	502 · 35 502 · 30 502 · 25 502 · 25 502 · 25
21 22 23 24 25	$\begin{array}{c} 505 \cdot 95 \\ 505 \cdot 95 \\ 506 \cdot 05 \\ 505 \cdot 95 \\ 505 \cdot 95 \end{array}$	$\begin{array}{c} 504 \cdot 40 \\ 504 \cdot 45 \\ 504 \cdot 55 \\ 504 \cdot 55 \\ 504 \cdot 65 \end{array}$	$\begin{array}{c} 504 \cdot 25 \\ 504 \cdot 20 \\ 504 \cdot 15 \\ 504 \cdot 05 \\ 504 \cdot 05 \end{array}$	502 · 65 502 · 70 502 · 75 502 · 75 502 · 65	$\begin{array}{c} 502 \cdot 45 \\ 502 \cdot 40 \\ 502 \cdot 25 \\ 502 \cdot 25 \\ 502 \cdot 25 \end{array}$	502 · 35 502 · 45 502 · 50 502 · 55 502 · 65	503 · 40 503 · 35 503 · 40 503 · 35 503 · 35	$\begin{array}{c} 503 \cdot 12 \\ 503 \cdot 15 \\ 503 \cdot 15 \\ 503 \cdot 20 \\ 503 \cdot 15 \end{array}$	503 · 00 503 · 05 503 · 10 503 · 15 503 · 05	502·45 502·50 502·45 502·40 502·40	502·37 502·37 502·40 502·37 502·40	502·30 502·33 502·35 502·40 502·40
26	506 · 05 505 · 95 505 · 85 505 · 75 505 · 65	504 · 65 504 · 55 504 · 45 504 · 45 504 · 65 504 · 80	504 · 10 504 · 15 504 · 15 504 · 30 504 · 20	$\begin{array}{c} 502\cdot 65 \\ 502\cdot 65 \\ 502\cdot 55 \end{array}$	$\begin{array}{c} 502 \cdot 20 \\ 502 \cdot 20 \\ 502 \cdot 15 \\ 502 \cdot 15 \\ 502 \cdot 05 \\ 502 \cdot 05 \end{array}$	502.65 502.75 502.75 502.80 502.75	503 · 40 503 · 35 503 · 37 503 · 35 503 · 35 503 · 35	503 · 15 503 · 15 503 · 15 503 · 13 503 · 10	502 · 90 502 · 85 502 · 75 502 · 75 502 · 65 502 · 55	502·35 502·30 502·25 502·40 502·42 502·45		$\begin{array}{c} 502 \cdot 45 \\ 502 \cdot 45 \\ 502 \cdot 40 \\ 502 \cdot 40 \\ 502 \cdot 37 \\ 502 \cdot 35 \end{array}$

6 GEORGE V, A. 1916

Elevations above M.S.L. of Coulonge River at Coulonge Chute, for 1911-12.

TABLE No. 139.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	502·40 502·35 502·37 502·43 502·45	507 · 95 508 · 35 508 · 65 508 · 60 508 · 35	504 · 65 504 · 55 504 · 45 504 · 55 504 · 55	503 · 25 503 · 25 503 · 30 503 · 35 503 · 40	502 · 60 502 · 55 502 · 50 502 · 45 502 · 45	502 · 60 502 · 60 502 · 53 502 · 50 502 · 45	502·33 502·35 502·35 502·38 502·38	503·05 503·03 503·00 502·95 502·97	504·00 503·97 504·05 504·05 503·85	503 · 25 503 · 15 503 · 15 503 · 10 503 · 15	502 · 95 503 · 00 503 · 00	503 · 05 502 · 80 502 · 92
6	502 · 45 502 · 50 502 · 55 502 · 60 502 · 65	508 · 25 507 · 85 507 · 55 507 · 25 506 · 95	504 · 60 504 · 75 504 · 85 504 · 90 504 · 85	503 · 50 503 · 55 503 · 65 503 · 55 503 · 25	$\begin{array}{c} 502 \cdot 35 \\ 502 \cdot 40 \\ 502 \cdot 35 \\ 502 \cdot 25 \\ 502 \cdot 25 \end{array}$	502 · 45 502 · 43 502 · 37 502 · 35 502 · 35	$502 \cdot 40$ $502 \cdot 38$ $502 \cdot 45$ $502 \cdot 45$ $502 \cdot 45$	503 · 05 503 · 15 503 · 25 503 · 45 503 · 50	503 · 75 503 · 85 504 · 05 504 · 15 503 · 60	$503 \cdot 10$ $503 \cdot 12$ $503 \cdot 07$ $503 \cdot 07$ $503 \cdot 10$	503-00 502-97 503-00 503-00 503-00	502 · 87 502 · 82
11 12 13 14 15	502 · 70 502 · 75 502 · 95 503 · 25 503 · 55	506 · 75 506 · 55 506 · 30 506 · 05 505 · 85	504 · 87 504 · 90 504 · 95 504 · 95 505 · 00	$502 \cdot 75$ $502 \cdot 75$ $502 \cdot 65$ $502 \cdot 65$ $502 \cdot 75$	$\begin{array}{c} 502\cdot 10 \\ 502\cdot 10 \\ 502\cdot 15 \\ 502\cdot 20 \\ 502\cdot 25 \end{array}$	$\begin{array}{c} 502\cdot 30 \\ 502\cdot 30 \\ 502\cdot 33 \\ 502\cdot 35 \\ 502\cdot 40 \end{array}$	502 · 48 502 · 45 502 · 50 502 · 48 502 · 50	503 · 60 503 · 75 503 · 90 504 · 00 504 · 05	503 · 65 503 · 70 503 · 73 503 · 75 504 · 00	$503 \cdot 15$ $503 \cdot 15$ $503 \cdot 10$ $503 \cdot 10$ $503 \cdot 05$	503 · 02 503 · 00 503 · 00	502 · 65 502 · 62
16	503 · 75 503 · 77 503 · 85 504 · 15 504 · 35	505 · 55 505 · 35 505 · 15 · 505 · 05 504 · 90	505·05 505·35 505·45 505·45 505·35	$502 \cdot 75$ $502 \cdot 80$ $502 \cdot 85$ $502 \cdot 80$ $502 \cdot 75$	$\begin{array}{c} 502 \cdot 35 \\ 502 \cdot 40 \\ 502 \cdot 45 \\ 502 \cdot 45 \\ 502 \cdot 40 \end{array}$	502·37 502·40 502·43 502·45 502·45	502 · 52 502 · 60 502 · 65 502 · 80 502 · 85	504 · 15 504 · 05 503 · 95 504 · 00 504 · 00	504 · 35 504 · 30 504 · 15 503 · 75 503 · 55	503 · 05 503 · 10 503 · 10 503 · 12	502 - 95	
21 22 23 24 25	504 · 50 504 · 55 504 · 75 505 · 25 505 · 45	504 · 73 504 · 65 504 · 75 504 · 85 504 · 65	505 · 15 504 · 95 504 · 65 504 · 35 504 · 15	502 · 75 502 · 80 502 · 85 502 · 80 502 · 75	502 · 55 502 · 55 502 · 45 502 · 50	502 · 40 502 · 40 562 · 43 502 · 40 502 · 40	502 · 95 502 · 95 502 · 97 502 · 97 503 · 00	504 · 05 504 · 05 504 · 10 504 · 15 504 · 13	503 · 60 503 · 65 503 · 75 503 · 80 503 · 75	503 · 05 503 · 05 503 · 07 503 · 05	502 · 80 503 · 30	
26	505 · 85 506 · 45 506 · 95 507 · 35 507 · 55	504 · 55 504 · 45 504 · 55 504 · 60 504 · 65 504 · 70	503 · 95 503 · 80 503 · 60 503 · 55 503 · 45	502 · 70 502 · 65 502 · 65 502 · 75 502 · 65 502 · 65	502 · 45 502 · 53 502 · 50 502 · 53 502 · 53 502 · 53	502·37 502·35 502·30 502·35 502·30	503 · 03 503 · 05 503 · 05 503 · 10 503 · 10	503 · 95 503 · 95 504 · 00 504 · 05 504 · 05	503 · 75 503 · 65 503 · 70 503 · 55 503 · 50 503 · 35	503 · 02 503 · 00 503 · 00 503 · 00 503 · 00 502 · 95	502·95 503·00 502·80	

Elevations above M.S.L. of Coulonge River at Coulonge Chute, for 1912–13.

TABLE No. 140. 501 · 75 501 · 75 501 · 75 501 · 75 505 - 35 505 - 25 502 - 55 501 - 55 502.05 503-65 $502 \cdot 75$ 502 - 25 502 - 15 501 - 95 502.75 502.75 502.75 502.85 502.95 505 - 15 505.05 502 · 55 502 · 55 502 · 55 501 · 55 501 · 55 501 · 45 502 · 05 501 · 85 501 · 85 503 · 55 503 · 35 502 · 25 502 · 15 501 - 95 504.95 505.05 501.85 502 · 15 502 · 05 504.85 502.05 501 - 85 504 - 55 504 - 65 502-45 501 - 45 501 - 85 501 · 65 501 · 65 501 · 75 501 · 85 $\begin{array}{c} 501\cdot 85 \\ 501\cdot 85 \\ 501\cdot 85 \\ 501\cdot 75 \\ 501\cdot 75 \end{array}$ $504\cdot 45$ $504.55 \\ 504.55$ 502-45 501 - 45 502.45 502 - 05 502.05 501.85 503 · 45 503 · 95 504 · 85 504 · 75 504 · 55 504 · 35 504 · 25 $502 \cdot 35 \\ 502 \cdot 25$ 503 · 05 503 · 05 501 · 85 501 · 85 504.45 502 - 25 501 - 55 502.05 $504 \cdot 55$ $504 \cdot 15$ 502 - 25 501 - 65 501 - 95 502.85 502-05 501 - 85 501 · 65 501 · 75 501 · 85 501 · 85 $\begin{array}{c} 502 \cdot 95 \\ 502 \cdot 75 \\ 502 \cdot 65 \\ 502 \cdot 75 \\ 502 \cdot 75 \end{array}$ 502 - 25 501 · 65 501 · 65 501 · 75 501 · 85 504.65 503 · 75 503 · 55 503 · 55 502 · 35 502 · 25 502 · 25 503.95 504 · 75 504 · 85 501.95 501.85 503 · 95 503 · 85 501 · 85 501 · 85 501-55 501-55 505.05 505 · 15 505 · 15 $502 \cdot 35$ $502 \cdot 35$ 501 · 75 501 · 65 503 · 65 503 · 55 502 · 75 502 · 65 501 · 85 501 · 85 501 · 65 501 · 75 503 - 45 501.95 501.95 501 · 75 501 · 75 501 · 75 501 · 75 501 · 75 503 - 55 503-95 504.55 502 - 25 19 504 · 85 504 · 75 $503 \cdot 85$ 502 · 25 502 · 35 503 · 55 503 · 45 502-65 502-65 503.85 $503 \cdot 65$ $503 \cdot 55$ $503 \cdot 55$ 501 · 95 501 · 85 502 · 35 502 · 95 504.95 504 - 65 $502 \cdot 25$ 503.35 502 - 55 591.95 502.35 501 · 35 501 · 35 505 · 05 505 · 45 $\begin{array}{c} 504 \cdot 65 \\ 504 \cdot 35 \\ 504 \cdot 35 \end{array}$ 502 · 15 502 · 15 501.85 501.95 505.85 504 - 85 503 - 15 501 - 95 503 - 15 505-55 505.25 503-15 501.85 501 · 55 501 · 75 501 · 85 503 · 75 503 · 75 503 · 65 $504 \cdot 95$ $505 \cdot 75$ $505 \cdot 75$ 503.05 $501 \cdot 75$ $501 \cdot 65$ $501 \cdot 65$ 502·15 502·15 505 · 05 505 · 35 505 · 35 502 · 95 502 · 95 501-95

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Coulonge River at Coulonge Chute, for 1913-14.

TABLE No. 141.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	503 · 85 503 · 95 504 · 05 504 · 05 504 · 15	506 · 05 504 · 65 504 · 95 505 · 05 504 · 85	503 · 45 503 · 35 503 · 35 503 · 35 503 · 15	502 · 45 502 · 55 502 · 25 502 · 15 502 · 15	501 · 25 501 · 25 501 · 15 501 · 15 501 · 15	500 · 95 500 · 95 500 · 95 500 · 85 500 · 85	501.05 501.05 501.05 500.95 500.95	502 · 65 502 · 65 502 · 55 502 · 35 502 · 35	503 · 05 502 · 95 502 · 95 502 · 95 502 · 95	501 · 75 501 · 75 501 · 75 501 · 75 501 · 75	501 · 45 501 · 55 501 · 55 501 · 55 501 · 65	501 · 75 501 · 65 501 · 55 501 · 45 501 · 35
6	504 · 15 504 · 25 504 · 15 504 · 15 504 · 15	504 · 75 504 · 55 504 · 35 504 · 05 503 · 95	503 · 05 503 · 05 503 · 15 503 · 15 503 · 25	502.05 501.95 501.95 501.85 501.75	501.05 501.05 501.05 501.05 501.05	500 · 85 500 · 85 500 · 75 500 · 75 500 · 65	500 · 85 500 · 85 500 · 75 500 · 75 500 · 75	502 · 25 502 · 25 502 · 15 502 · 55 503 · 05	502 · 95 502 · 95 502 · 95 502 · 85 502 · 85	501 · 75 501 · 65 501 · 65 501 · 65 501 · 65	$501 \cdot 65$	501 · 25 501 · 25 501 · 25 501 · 25 501 · 25
11	504 · 15 504 · 15 504 · 65 505 · 15 505 · 35	503 · 95 503 · 65 503 · 55 503 · 45 503 · 35	$503 \cdot 45$ $503 \cdot 55$ $503 \cdot 15$ $502 \cdot 95$ $502 \cdot 75$	501.85 501.85 501.85 501.85 501.85	501.05 501.05 500.95 500.95 500.95	500 · 65 500 · 65 500 · 65 500 · 55 500 · 55	501 · 05 501 · 35 501 · 45 501 · 45 501 · 35	503 · 45 503 · 95 503 · 85 503 · 75 503 · 55	502 · 75 502 · 75 502 · 75 502 · 65 502 · 65	501-65 501-65 501-65 501-65 501-65	501 · 75 501 · 85 501 · 95 502 · 05 502 · 05	501 · 25 501 · 25 501 · 25 501 · 25 501 · 25
16	505 · 55 506 · 05 506 · 15 506 · 15 506 · 15	503 · 55 503 · 35 503 · 35 503 · 35 503 · 25	502 · 85 503 · 05 503 · 25 503 · 15 503 · 15	501.85 501.75 501.75 501.75 501.85	500 · 85 500 · 85 500 · 75 590 · 75 500 · 75	500 · 55 500 · 45 500 · 45 500 · 45 500 · 45	501 · 35 501 · 25 501 · 15 501 · 05 501 · 25	503 · 45 503 · 45 503 · 35 503 · 15 503 · 15	502 · 55 502 · 55 502 · 55 502 · 55 502 · 45	501 · 65 501 · 65 501 · 65 501 · 65 501 · 65	502.05 502.05 502.05 501.95 501.95	501 · 28 501 · 28 501 · 28 501 · 28 501 · 28
21	506 · 05 505 · 75 505 · 85 505 · 95 506 · 35	503 · 25 503 · 25 503 · 45 503 · 95 503 · 95	502.95 502.85 502.85 502.75 502.65	501 · 85 501 · 75 501 · 75 501 · 65 501 · 55	500 · 75 500 · 75 500 · 75 500 · 75 500 · 85	500 · 45 500 · 65 500 · 85 500 · 95 501 · 15	501 · 45 501 · 65 501 · 85 502 · 05 502 · 15	503 · 15 503 · 25 503 · 35 503 · 45 503 · 55	502 · 25 502 · 05 502 · 05 501 · 95 501 · 95	501 · 65 501 · 65 501 · 55 501 · 55 501 · 55	501 · 95 501 · 95 501 · 85 501 · 85 501 · 75	501 · 18 501 · 28 501 · 28 501 · 28 501 · 28
26 27 28 29 30 31	506 · 75 507 · 15 507 · 15 506 · 95 506 · 55	503 · 75 503 · 85 503 · 85 503 · 75 503 · 75 503 · 65	502 · 55 502 · 45 502 · 35 502 · 35 502 · 25	501 · 45 501 · 45 501 · 45 501 · 35 501 · 35 501 · 35	500 · 85 500 · 85 500 · 85 500 · 85 500 · 85 500 · 95	501 · 25 501 · 15 501 · 15 501 · 15 501 · 05	$\begin{array}{c} 502 \cdot 35 \\ 502 \cdot 75 \\ 502 \cdot 75 \\ 502 \cdot 65 \\ 502 \cdot 65 \\ 502 \cdot 65 \end{array}$	503 · 45 503 · 45 503 · 35 503 · 25 503 · 15	501 · 85 501 · 85 501 · 85 501 · 85 501 · 85 501 · 85	501 · 55 501 · 55 501 · 55 501 · 55 501 · 45 501 · 45	501 · 75 501 · 75 501 · 75	501 · 28 501 · 28 501 · 28 501 · 38 501 · 48 501 · 48

ELEVATIONS above M.S.L. of Coulonge River at Coulonge Chute, for 1914-15.

										TA	BLE No	. 142.
1 2	$501 \cdot 45$	504 · 95 504 · 65 504 · 45 504 · 45 504 · 45	$\begin{array}{c} 502\cdot 55 \\ 502\cdot 55 \\ 502\cdot 55 \\ 502\cdot 45 \\ 502\cdot 55 \end{array}$	503 · 05 503 · 05 502 · 95 502 · 85 502 · 85	$\begin{array}{c} 501 \cdot 35 \\ 501 \cdot 35 \\ 501 \cdot 35 \\ 501 \cdot 25 \\ 501 \cdot 25 \end{array}$	500 · 45 500 · 45 500 · 45 500 · 45 500 · 45	499 · 95 499 · 85 499 · 75 499 · 75 499 · 75	500 · 35 500 · 45 500 · 45 500 · 55 500 · 65	501 · 55 501 · 55 501 · 55 501 · 55 501 · 55	501 · 05 501 · 05 501 · 05 501 · 05 501 · 05	$\begin{array}{c} 501 \cdot 15 \\ 501 \cdot 15 \\ 501 \cdot 15 \\ 501 \cdot 05 \\ 500 \cdot 95 \end{array}$	500 · 95 500 · 95 500 · 95 500 · 95 500 · 95
6	501 · 45 501 · 45 501 · 45 501 · 35 501 · 35	504 · 55 504 · 65 504 · 55 504 · 45 504 · 25	$502 \cdot 65$ $502 \cdot 55$ $502 \cdot 55$ $502 \cdot 35$ $502 \cdot 75$	$\begin{array}{c} 502 \cdot 85 \\ 502 \cdot 85 \\ 502 \cdot 25 \\ 502 \cdot 25 \\ 502 \cdot 25 \\ 502 \cdot 25 \end{array}$	$\begin{array}{c} 501 \cdot 25 \\ 501 \cdot 15 \\ 501 \cdot 05 \\ 501 \cdot 05 \\ 501 \cdot 05 \\ 501 \cdot 05 \end{array}$	500 · 55 500 · 65 500 · 65 500 · 65 500 · 55	499 · 85 499 · 85 499 · 85 499 · 85 499 · 85	500 · 65 500 · 65 500 · 75 500 · 85 500 · 95	$\begin{array}{c} 501 \cdot 75 \\ 501 \cdot 85 \\ 502 \cdot 05 \\ 501 \cdot 95 \\ 501 \cdot 85 \end{array}$	$\begin{array}{c} 501 \cdot 15 \\ 501 \cdot 15 \\ 501 \cdot 15 \\ 501 \cdot 25 \\ 501 \cdot 25 \\ \end{array}$	500 · 95 500 · 95 500 · 95 500 · 95 500 · 95	500 · 95 500 · 95 500 · 85 500 · 85 500 · 85
11	$\begin{array}{c} 501 \cdot 35 \\ 501 \cdot 25 \\ 501 \cdot 25 \\ 501 \cdot 25 \\ 501 \cdot 35 \end{array}$	503 · 95 504 · 05 503 · 55 503 · 45 503 · 35	$\begin{array}{c} 502 \cdot 65 \\ 502 \cdot 55 \\ 502 \cdot 25 \\ 502 \cdot 25 \\ 501 \cdot 85 \end{array}$	$\begin{array}{c} 502 \cdot 75 \\ 502 \cdot 55 \\ 502 \cdot 35 \\ 502 \cdot 25 \\ 502 \cdot 15 \end{array}$	$\begin{array}{c} 501\cdot05\\ 501\cdot05\\ 501\cdot05\\ 501\cdot05\\ 501\cdot05\\ 501\cdot05\\ \end{array}$	500 · 45 500 · 45 500 · 45 500 · 45 500 · 35	$\begin{array}{c} 499 \cdot 95 \\ 500 \cdot 35 \\ 500 \cdot 55 \\ 500 \cdot 75 \\ 500 \cdot 75 \end{array}$	500 · 95 500 · 85 500 · 75 500 · 75 500 · 75	501 · 75 501 · 65 501 · 45 501 · 35 501 · 45	$\begin{array}{c} 501 \cdot 25 \\ 501 \cdot 25 \\ 501 \cdot 15 \\ 501 \cdot 15 \\ 501 \cdot 15 \\ 501 \cdot 15 \\ \end{array}$	500 · 95 500 · 95 500 · 95 500 · 95 500 · 95	500 · 85 500 · 95 500 · 95 500 · 95 500 · 95
16 17 18 19 20	$\begin{array}{c} 501 \cdot 45 \\ 501 \cdot 55 \\ 501 \cdot 75 \\ 501 \cdot 95 \\ 502 \cdot 55 \end{array}$	$503 \cdot 25$ $503 \cdot 05$ $502 \cdot 95$ $502 \cdot 85$ $502 \cdot 85$	501.85 501.65 501.75 501.55 501.65	$\begin{array}{c} 502 \cdot 05 \\ 501 \cdot 85 \\ 501 \cdot 85 \\ 501 \cdot 85 \\ 501 \cdot 75 \end{array}$	500 · 95 500 · 85 500 · 85 500 · 85 500 · 85	$\begin{array}{c} 500 \cdot 25 \\ 500 \cdot 25 \\ 500 \cdot 15 \\ 500 \cdot 15 \\ 500 \cdot 15 \\ \end{array}$	500 · 65 500 · 65 500 · 65 500 · 55 500 · 55	$500 \cdot 85$ $501 \cdot 15$ $501 \cdot 55$ $501 \cdot 55$ $501 \cdot 65$	$501 \cdot 35$ $501 \cdot 25$ $501 \cdot 15$ $501 \cdot 15$ $501 \cdot 15$	$501 \cdot 15$	500 · 95 500 · 95 500 · 95 500 · 95 500 · 95	500 · 95 500 · 95 500 · 95 500 · 75 500 · 75
21	503 - 35	502 · 85 502 · 75 502 · 75 502 · 75 502 · 75	$\begin{array}{c} 501 \cdot 85 \\ 501 \cdot 95 \\ 502 \cdot 15 \\ 502 \cdot 55 \\ 502 \cdot 65 \end{array}$	$\begin{array}{c} 501 \cdot 65 \\ 501 \cdot 65 \\ 501 \cdot 65 \\ 501 \cdot 55 \\ 501 \cdot 45 \end{array}$	500 · 85 500 · 85 500 · 85 500 · 85 500 · 75	500 · 15 500 · 05 499 · 95 499 · 95 499 · 95	$\begin{array}{c} 590 \cdot 55 \\ 500 \cdot 45 \\ 500 \cdot 45 \\ 500 \cdot 45 \\ 500 \cdot 35 \end{array}$	$\begin{array}{c} 501 \cdot 75 \\ 501 \cdot 75 \\ 011 \cdot 75 \\ 011 \cdot 75 \\ 501 \cdot 75 \\ 501 \cdot 65 \end{array}$	$\begin{array}{c} 501 \cdot 15 \\ 501 \cdot 15 \\ 501 \cdot 05 \\ 501 \cdot 05 \\ 501 \cdot 05 \\ \end{array}$	$501 \cdot 15$	500 · 95 500 · 95 500 · 95 500 · 95 500 · 95	500 · 75 500 · 75 500 · 75 500 · 75 500 · 65
26. 27. 28. 29. 30.	503 · 75 504 · 05 504 · 55 504 · 75 504 · 95	502·55 502·55 502·55 502·55 502·55 502·55	503 · 05 503 · 05 502 · 95 502 · 85 503 · 05	$\begin{array}{c} 501 \cdot 35 \\ \end{array}$	500 · 65 500 · 55 500 · 55 500 · 55 500 · 45 500 · 45	499-95 499-85 499-85 499-85 499-85	500 · 35 500 · 35 500 · 35 500 · 35 500 · 35 500 · 35	501 · 55 501 · 55 501 · 55 501 · 55 501 · 55	$\begin{array}{c} 501\cdot 05\\ 501\cdot 05\\ 501\cdot 15\\ 501\cdot 15\\ 501\cdot 25\\ 501\cdot 15\\ 501\cdot 05\\ \end{array}$	501·15 501·15 501·15 501·15 501·15 501·15		500 · 65 500 · 65 500 · 65 500 · 65 500 · 65 500 · 65

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at La Passe, for 1905.

TABLE No. 143.

DAY.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1												
2												
3												344.01
4												
5												
6												
7												343-91
8												
9												343-86
10												040.00
1												
12												
13												
4												343 - 76
15												
6											044.01	
7											344 - 21	343.7
18												
9												
20												
21											344-11	343 - 71
22												
23											044 99	
24											344 - 11	343 - 66
5												
26												
7												
8											344.06	343 - 7
9												
0												
1												344 - 2

Elevations above M.S.L. of Ottawa River at La Passe, for 1905-06.

TABLE No. 144.

					1 ABLE NO. 144.
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	346-91 349-86 347-31 349-76 347-61 349-56 347-81	347-16 346-06 346-01 346-96 345-86 346-86 345-76 346-71 345-66	344·11 344·11 343·76 343·71 344·11 343·66 344·11 343·66	344·51 344·46 344·71	344 · 31 344 · 26 344 · 26
$\begin{array}{cccc} 6 & & 346 \cdot 26 \\ 7 & & 346 \cdot 91 \\ 8 & & 346 \cdot 56 \\ 9 & & & \\ 10 & & 346 \cdot 41 \\ \end{array}$	348-26 349-41 349-31 348-76 349-41 349-11 349-36 349-51 349-31	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	344·16 343·66 344·21 343·61 344·21 314·26 343·51 343·46	344·36 344·56 344·36 344·56 344·41 344·51 344·41	344-31 344-11 344-11 344-06
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	349·76 350·26 349·11 350·26 349·06 349·11 350·21 349·11	$\begin{array}{cccc} 346 \cdot 26 & 345 \cdot 16 \\ 346 \cdot 21 & 345 \cdot 11 \\ 346 \cdot 16 & & & \\ 346 \cdot 26 & 344 \cdot 96 \\ 346 \cdot 36 & 344 \cdot 86 \end{array}$	344 · 21 343 · 46 344 · 21 343 · 51 344 · 16 343 · 56 344 · 11 343 · 61 344 · 06	344-36 344-41 344-36 344-41 344-31 344-41 344-26 344-36	344-06 344-01 344-01 344-01
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	350·11 349·06 350·16 349·01 350·21	344·76 346·26 344·76 346·26 344·76 346·26 344·76	344·01 343·81 343·86 344·26 343·91 344·31 343·96 344·36 344·06	344-21 344-36 344-21 344-31 344-21 344-31 344-26 344-26	344·01 344·01 344·01 344·01 344·01
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	348-66 350-61 348-51 350-51 348-36 350-41 348-21 350-31	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	344-41 344-31 344-41 344-76 344-36 344-76 344-91 344-91	344-21 344-21 344-21 344-31 344-21 344-36 344-21 344-36	344·26 344·31 344·31 344·31
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	350·31 347·91 350·21 347·76 	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	344·16 344·91 344·06 344·91 343·96 344·91 343·91 343·86 344·76		344-26

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at La Passe, for 1911-12.

ABLE N

		1		7							DLE N	7. 110.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2							342·40 342·40 342·35 342·45 342·45	342-60 342-65 342-75 342-85	344 · 60 344 · 60 344 · 75 344 · 90	346 · 25 346 · 15 346 · 10 346 · 00 345 · 95	344 · 55 344 · 55 344 · 50 344 · 45	344·10 344·10 344·20 344·25
6							342 · 45 342 · 40 342 · 40 342 · 40	342.95 343.05 343.15 343.35 343.45	345 · 05 345 · 35 345 · 55 345 · 55	345.65 345.55 345.45	344 · 45 344 · 45 344 · 38 344 · 40 344 · 40	344 · 25 344 · 30 344 · 30 344 · 30
11. 12. 13. 14. 15.							342·35 342·35 342·25 342·25	343-55 343-65 343-75 343-85	345 · 25 345 · 15 345 · 05 345 · 05 345 · 05	345 · 40 345 · 35 345 · 35	344 · 15 344 · 15 344 · 10 344 · 10	344 · 35 344 · 35 344 · 35 344 · 35 344 · 35
16 17 18 19 20							342·15 342·35 342·35 342·45 342·45	343 · 95 343 · 95 344 · 05	345 · 15 345 · 05 344 · 95 344 · 85	$345 \cdot 15$ $345 \cdot 10$ $345 \cdot 05$ $345 \cdot 00$ $345 \cdot 00$	344 · 05 344 · 05 344 · 00 344 · 00	344 · 35 344 · 40 344 · 40 344 · 40
21 22 23 24 25							342.55 342.60 342.55	344 · 45 344 · 45 344 · 45 344 · 45 344 · 45	344·65 344·65	344 · 95 344 · 95 344 · 90 344 · 85	344 · 00 344 · 05 344 · 05 344 · 05	344 · 40 344 · 40 344 · 40
26. 17. 28. 29. 30.						342 · 55 342 · 55 342 · 45	342·55 342·45 342·45 342·50 342·50	344 · 55 344 · 55 344 · 55 344 · 60	345 · 05 345 · 15 345 · 25 345 · 35 345 · 65	344 · 85 344 · 80 344 · 65 344 · 65 344 · 60	344 · 05 344 · 05 344 · 05 344 · 05	344·30 344·30 344·25 344·20 344·15

Elevations above M.S.L. of Ottawa River at La Passe, for 1912-13.

								1	CABLE	No. 146.	
2 3 4		·10 353·05	349 · 15 349 · 05 348 · 90 348 · 75 348 · 60	346 · 00 345 · 95 345 · 95 345 · 65	344 · 25 344 · 25 344 · 20 344 · 15	343 · 80 343 · 80 343 · 80 343 · 80 343 · 85	346 · 00 346 · 05 346 · 00 345 · 95	345 · 60 345 · 55 345 · 69 345 · 65 345 · 75	345 · 75 345 · 75 345 · 75 345 · 75	345 · 65 345 · 60 345 · 65	345.75 345.90 346.00 346.00
7 8 9	344·15 344·55 344·55	·60 352·55	348-50 348-05 347-95 347-85	345 · 55 345 · 45 345 · 35 345 · 25 345 · 20	344 · 25 344 · 20 344 · 25 344 · 30	343-90 343-95 343-95 343-90	346 · 05 346 · 25 346 · 65 347 · 05	345.85 345.95 346.05 346.10	345 · 70 345 · 65 345 · 65 345 · 65 345 · 70	345 · 60 345 · 65 345 · 65	345 · 90 345 · 80 345 · 70 345 · 60
13	345·35 345·50 350	· 05 351 · 85 · 25 351 · 60	347·75 347·65 347·60 347·55	345 · 25 345 · 25 345 · 30 345 · 25	344 · 35 344 · 40 344 · 45 344 · 50	343 · 85 343 · 85 343 · 95 344 · 00	347 · 40 347 · 40 347 · 25 347 · 15 347 · 05	346 · 15 346 · 20 346 · 30 346 · 30	345·75 345·70 345·75 345·90	$345 \cdot 55$ $345 \cdot 65$ $345 \cdot 65$ $345 \cdot 70$ $345 \cdot 75$	$345 \cdot 55$ $345 \cdot 35$ $345 \cdot 25$ $345 \cdot 30$ $345 \cdot 20$
16 17 18 19 20	346 · 35 351 346 · 65 351 347 · 05	· · · · · · · · · · · · · · · · · · ·	347·50 347·40 347·20 347·15 347·05	345 · 20 345 · 15 344 · 95 344 · 85	344 · 30 344 · 25 344 · 20 344 · 15 344 · 05	344 · 05 344 · 05 344 · 10 344 · 20	346·90 346·70 346·40 346·30	346 · 30 346 · 25 346 · 15 346 · 15 346 · 15	345 · 90 345 · 95 346 · 00	345 · 75 345 · 65 345 · 65 345 · 65	345·20 345·20 345·25 345·35
	347 · 65 351 347 · 85 351 348 · 10 351	·60 351·20 ·65 351·05 ·65 ···· ·75 350·70 ·10 350·50	346 · 95 346 · 80 346 · 70 346 · 55	344 · 75 344 · 65 344 · 55 344 · 45	344 · 00 343 · 70 343 · 75 343 · 70	344 · 20 344 · 20 344 · 40 344 · 55 344 · 95	346 · 20 346 · 10 346 · 10	346 · 15 346 · 05 346 · 00	346.05 345.95 345.85 345.80 345.75	345 · 60 345 · 55 345 · 45 345 · 50	345 · 65 345 · 95 346 · 35 346 · 70
29 30	348-40 352 348-45 352 348-45 352	350·30 -55 350·10 -65 349·90 -75 349·75 -90	346 · 45 346 · 35 346 · 25 346 · 15 346 · 05	344 · 60 344 · 65 344 · 55 344 · 45 344 · 35 344 · 25	343 · 65 343 · 60 343 · 70 343 · 75		346-00 345-95 345-95 345-85 345-75	345 · 95 345 · 90 345 · 85 345 · 80 345 · 80	345 · 70 345 · 70 345 · 65 345 · 65 345 · 65	345 · 55 345 · 60 345 · 65	347.05 347.45 347.70 347.80

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at La Passe, for 1913-14.

TABLE No. 147.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	348·00 348·05 348·20 348·40 348·50	351·38 352·23 352·73 353·03	349·53 349·43 349·33 349·23	345 · 83 345 · 73 345 · 63 345 · 53 345 · 43	344·43 344·43 344·33 344·28	343-93 343-93 343-88 343-83 343-78	343-18 343-08 343-08 342-98	344-38 344-38 344-38 344-38	347·38 347·38 347·38 347·33 347·33	346·48 346·38 346·33	344·93 344·88 344·93 344·93	344·73 344·83 344·78 344·73
6	348-65 348-70 348-55 348-30	$352 \cdot 98$ $352 \cdot 93$ $352 \cdot 78$ $352 \cdot 68$ $352 \cdot 53$	349·13 349·03 348·88 348·88	345 · 43 345 · 28 345 · 18 345 · 08	344 · 23 344 · 23 344 · 18 344 · 18	343 · 73 343 · 68 343 · 63 343 · 58	343.03 343.03 343.03 343.03 342.98	344 · 38 344 · 33 344 · 33	347 · 38 347 · 38 347 · 38 347 · 38	346.08 346.03 345.93 345.83 345.83	344 · 93 344 · 98 345 · 08 345 · 03	344 · 63 344 · 53 344 · 53
11	347-90 347-80 347-90 348-05	352 · 43 352 · 28 352 · 18 352 · 08	348-83 348-78 348-73 348-63	345 · 03 344 · 98 344 · 93 344 · 93	344 · 03 344 · 03 344 · 03 343 · 98 343 · 98	343 · 48 343 · 43 343 · 43	342 · 98 343 · 18 343 · 08 343 · 08	344.78 345.38 345.43 345.68 345.78	347·33 347·28 347·23	345-68 345-48 345-53 345-58	345.03 345.08 345.08 345.13	344 · 58 344 · 63 344 · 73 344 · 83
16	348 · 03 348 · 18 348 · 43 348 · 58	351 · 83 351 · 78 351 · 53 351 · 28	348 · 53 348 · 48 348 · 43 348 · 28 348 · 08	344 · 93 344 · 88 344 · 83 344 · 83	343 · 93 343 · 88 343 · 83 343 · 78	343 · 33 343 · 28 343 · 33 343 · 33 343 · 28	343.08 343.08 343.08	345 · 73 345 · 68 345 · 63 345 · 63	346 · 88 346 · 83 346 · 83 346 · 78 346 · 78	345 · 53 345 · 48 345 · 28 345 · 28	345 · 08 345 · 13 345 · 18 345 · 23 345 · 13	344 · 93 344 · 98 345 · 03 345 · 03 344 · 93
21	348 · 78 348 · 83 348 · 73 348 · 63 348 · 73	351 · 03 350 · 93 350 · 83 350 · 78	347-93 347-28 346-98 346-73	344 · 78 344 · 68 344 · 63 344 · 63	343 · 73 343 · 73 343 · 73	343 · 33 343 · 43 343 · 43 343 · 38	343 · 13 343 · 18 343 · 23 343 · 28 343 · 43	345-68 346-18 346-43	346·78 346·78 346·83 346·88	345-33 345-28 345-18 345-18	344 · 93 344 · 93 344 · 93	344 · 93 344 · 83 344 · 78 344 · 73
26. 27. 28. 29. 30.	348 · 78 349 · 23 349 · 73 350 · 53	350 · 63 350 · 43 350 · 33 350 · 13 350 · 03 349 · 93	346-58 346-43 346-28 345-93	344 · 53 344 · 53 344 · 53 344 · 48 344 · 48	343·73 343·78 343·83 343·93 343·93	343 · 33 343 · 33 343 · 28 343 · 23	343 · 78 343 · 93 344 · 08 344 · 18 344 · 28	346 · 93 347 · 23 347 · 23 347 · 18	346·93 346·93 346·88 346·78 346·63	344 · 93 344 · 93 344 · 88 344 · 83 344 · 78 344 · 78	344 · 93 344 · 93 344 · 83	344 · 63 344 · 68 344 · 63 344 · 73 344 · 78

Elevations above M.S.L. of Ottawa River at La Passe, for 1914-15.

					TABLE No	o. 148.
1 344- 2 344- 3 344- 4 344- 5 344-	93 348·73 346·93 93 346·88 93 349·03 346·83	346-63 343-54 346-63 343-40 346-45 343-33 343-23	342 · 09 341 · 55 342 · 08 341 · 53 342 · 07 341 · 53 342 · 08 341 · 51 342 · 08 341 · 48	341·31 342·14 341·31 342·18 341·31 342·20 341·32 342·23 341·32 342·26	342·41 342·56 342·43 342·58 342·43 342·60 342·41 342·63 342·38 342·58	$342 \cdot 55$ $342 \cdot 53$ $342 \cdot 48$ $342 \cdot 43$ $342 \cdot 33$
6	73 349·23 63 349·28 346·88 53 349·38 346·83	346·28 343·15 346·13 343·12 345·98 343·04 345·78 342·96 345·61 342·93	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	341·33 342·28 341·33 342·30 341·35 342·35 341·38 342·39 341·38 342·45	342·38 342·53 342·41 342·51 342·41 342·53 342·40 342·53 342·38 342·63	342·23 342·21 342·18 342·18 342·13
11 344- 12 344- 13 344- 14 344- 15 343-	. 349·53 346·63 ·13 349·53 346·53 ·03 349·53	345·63 342·93 	342 · 00 341 · 52 341 · 96 341 · 53 341 · 95 341 · 51 341 · 93 341 · 50 341 · 92 341 · 42	341·38 342·48 341·35 342·48 341·35 342·48 341·35 342·48 341·38 342·48	$\begin{array}{cccc} 342 \cdot 38 & 342 \cdot 63 \\ 342 \cdot 40 & 342 \cdot 63 \\ 342 \cdot 40 & 342 \cdot 63 \\ 342 \cdot 38 & 342 \cdot 61 \\ 342 \cdot 38 & 342 \cdot 61 \\ \end{array}$	$342 \cdot 12$ $342 \cdot 08$ $342 \cdot 08$ $342 \cdot 06$ $342 \cdot 03$
16	78 346.53 78 349.13 346.68 348.73 347.08	345·23 345·13 342·65 345·03 342·61 342·57 344·83 342·52	341-92 341-38 341-92 341-38 341-92 341-40 341-92 341-42 341-90 341-43	$\begin{array}{cccc} 341\cdot 46 & 342\cdot 43 \\ 341\cdot 60 & 342\cdot 43 \\ 341\cdot 71 & 342\cdot 40 \\ 341\cdot 80 & 342\cdot 36 \\ 341\cdot 91 & 342\cdot 33 \end{array}$	342·38 342·58 342·36 342·58 342·36 342·55 342·43 342·53 342·43 342·51	341.98 341.98 341.98 341.96 341.93
21	-43 347-93 347-26 -13 347-73 347-11 -33 347-03	344·73 342·47 344·58 342·45 344·43 342·43 344·38 342·41 344·23 342·38	341·87 341·43 341·84 341·42 341·83 341·41 341·80 341·38 341·80 341·36	$\begin{array}{cccc} 342\cdot01 & 342\cdot28 \\ 342\cdot10 & 342\cdot28 \\ 342\cdot15 & 342\cdot28 \\ 342\cdot13 & 342\cdot28 \\ 342\cdot15 & 342\cdot31 \\ \end{array}$	342 · 49 342 · 48 342 · 54 342 · 43 342 · 54 342 · 45 342 · 54 342 · 51 342 · 54 342 · 61	341 · 88 341 · 83 341 · 88 341 · 93 341 · 98
26	88 347·58 346·75 ·18 347·43 ·58 347·23 346·68 ·93 347·13 346·68	342·30 344·08 342·22 343·93 342·17 343·81 343·13 343·73 342·13 343·65 342·12	341·73 341·35 341·73 341·32 341·68 341·29 341·63 341·29 341·61 341·31	342-19 342-33 342-19 342-33 342-17 342-33 342-14 342-33 342-09 342-36 342-38	342-53 342-63 342-53 342-63 342-51 342-58 342-48 342-48 342-53	342.03 342.03 341.98 341.93 341.88 341.83

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Bryson, Que., for 1905.

TABLE No. 149.

				341-34	341 · 04 341 · 04 341 · 04
				341-34	341 · 04 341 · 04 341 · 04
				341-34	341 · 0 · 341 · 0 · 341 · 0
				341-34	341·0 341·0
				341-34	341 · 0 341 · 0 341 · 0
				341-34	341·0 341·0
				341-34	341·0 341·0
				341-34	341 · 0
				341-34	341 - 0
				341-34	341 · 0
				341-34	341.0
				341-34	341.0
				341-34	341.0
				341-34	341.0
				341.34	
				341-34	340 - 9-
				341.34	
					340.9
				341.34	340.9
					341 · 0 341 · 2
					341-34

Elevations above M.S.L. of Ottawa River at Bryson, Que., for 1905-06.

										TA	BLE No	. 150.
1	341 · 54 341 · 99 342 · 14 342 · 34 342 · 54	344 · 09: 344 · 24 344 · 44 344 · 64 344 · 74	$345 \cdot 89$ $345 \cdot 79$ $345 \cdot 69$ $345 \cdot 64$ $345 \cdot 64$	344 · 14 344 · 04 343 · 99 343 · 94 343 · 84	343 · 54 343 · 47 343 · 39 343 · 34 343 · 34	342·34 342·29 342·29 342·29 342·34	342 · 29 342 · 24 342 · 19 342 · 14 342 · 14	342 · 54 342 · 49 342 · 44 342 · 39 342 · 44	341·54 341·54 341·64 341·84 341·84	341 · 84 341 · 84 341 · 84 341 · 84 341 · 74		341·04 341·04 341·04 341·09 341·14
6	342·74 342·94 343·19 343·44 343·44	344 · 89 345 · 04 345 · 24 345 · 44 345 · 64	$\begin{array}{c} 345\cdot 64 \\ 345\cdot 59 \\ 345\cdot 59 \\ 345\cdot 54 \\ 345\cdot 54 \end{array}$	343 · 74 343 · 69 343 · 69 343 · 74 343 · 74	343 · 29 343 · 24 343 · 19 343 · 14 343 · 04	342 · 39 342 · 44 342 · 44 342 · 44 342 · 44	$342 \cdot 09$ $342 \cdot 09$ $342 \cdot 04$ $341 \cdot 99$ $341 \cdot 94$	342 · 49 342 · 49 342 · 49 342 · 49 342 · 49	$\begin{array}{c} 342 \cdot 14 \\ 342 \cdot 14 \\ 342 \cdot 14 \\ 342 \cdot 14 \\ 342 \cdot 04 \end{array}$	341·74 341·74 341·74 341·69 341·54	341-14	$341 \cdot 19$ $341 \cdot 21$ $341 \cdot 24$ $341 \cdot 29$ $341 \cdot 34$
11	343 · 64 343 · 64 343 · 64 343 · 69 343 · 74	345 · 84 346 · 04 346 · 14 346 · 14 346 · 14	$\begin{array}{c} 345 \cdot 49 \\ 345 \cdot 44 \\ 345 \cdot 44 \\ 345 \cdot 34 \\ 345 \cdot 39 \end{array}$	343 · 69 343 · 64 343 · 59 343 · 59 343 · 54	$342 \cdot 99$ $342 \cdot 94$ $342 \cdot 94$ $342 \cdot 89$ $342 \cdot 79$	$342 \cdot 44$ $342 \cdot 39$ $342 \cdot 34$ $342 \cdot 29$ $342 \cdot 24$	$342 \cdot 04$ $342 \cdot 09$ $342 \cdot 14$ $342 \cdot 14$ $342 \cdot 14$	342 · 49 342 · 49 342 · 44 342 · 39 342 · 34	$342 \cdot 04$ $342 \cdot 04$ $341 \cdot 94$ $341 \cdot 94$ $341 \cdot 94$	341 · 44 341 · 44 341 · 44 341 · 44 341 · 44	$341 \cdot 14$ $341 \cdot 09$ $341 \cdot 09$ $341 \cdot 09$ $340 \cdot 94$	$341 \cdot 44$ $341 \cdot 39$ $341 \cdot 54$ $341 \cdot 54$ $341 \cdot 54$
16	343·74 343·84 343·84 343·74 343·74	$346 \cdot 14$ $346 \cdot 16$ $346 \cdot 29$ $346 \cdot 49$ $346 \cdot 64$	345 · 44 345 · 39 345 · 44 345 · 34 345 · 24	343 · 34 343 · 34 343 · 34 343 · 34 343 · 34	$342 \cdot 74$ $342 \cdot 69$ $342 \cdot 64$ $342 \cdot 64$ $342 \cdot 64$	$\begin{array}{c} 342 \cdot 24 \\ 342 \cdot 24 \\ 342 \cdot 44 \\ 342 \cdot 44 \\ 342 \cdot 54 \end{array}$	$342 \cdot 14$ $342 \cdot 19$ $342 \cdot 24$ $342 \cdot 34$ $342 \cdot 34$	342·39 342·44 342·49	$341 \cdot 74$ $341 \cdot 74$ $341 \cdot 84$ $341 \cdot 79$ $341 \cdot 79$	$341 \cdot 34$ $341 \cdot 34$ $341 \cdot 34$ $341 \cdot 34$ $341 \cdot 29$	340 · 94 340 · 94 340 · 94 340 · 94 340 · 94	$341 \cdot 59$ $341 \cdot 56$ $341 \cdot 54$ $341 \cdot 54$ $341 \cdot 49$
21	343 · 64 343 · 59 343 · 54 343 · 49 343 · 44	346-64 346-64 346-64 346-49 346-34	345 · 14 345 · 04 344 · 94 344 · 84 344 · 69	343 · 59 343 · 54 343 · 54 343 · 59 343 · 59	$342 \cdot 64$ $342 \cdot 59$ $342 \cdot 54$ $342 \cdot 51$ $342 \cdot 46$	$342 \cdot 39$ $342 \cdot 36$ $342 \cdot 34$ $342 \cdot 44$ $342 \cdot 49$	$342 \cdot 34$ $342 \cdot 64$ $342 \cdot 69$ $342 \cdot 74$ $342 \cdot 74$	$342 \cdot 39$ $342 \cdot 34$ $342 \cdot 34$ $342 \cdot 34$ $342 \cdot 24$	341 · 69 341 · 69 341 · 69 341 · 69 341 · 69	$341 \cdot 34$ $341 \cdot 54$ $341 \cdot 74$ $341 \cdot 84$ $341 \cdot 94$	$340 \cdot 99$ $340 \cdot 99$ $340 \cdot 99$ $341 \cdot 01$ $341 \cdot 01$	$341 \cdot 44$ $341 \cdot 44$ $341 \cdot 39$ $341 \cdot 39$ $341 \cdot 39$
26	343 · 44 343 · 44 343 · 44 343 · 54 343 · 79	$\begin{array}{c} 346 \cdot 29 \\ 346 \cdot 19 \\ 346 \cdot 14 \\ 346 \cdot 14 \\ 346 \cdot 09 \\ 345 \cdot 99 \end{array}$	344 · 59 344 · 54 344 · 44 344 · 34 344 · 24	$343 \cdot 59$ $343 \cdot 59$ $343 \cdot 59$ $343 \cdot 64$ $343 \cdot 64$ $343 \cdot 64$	$\begin{array}{c} 342\cdot 44 \\ 342\cdot 39 \end{array}$	342 · 44 342 · 39 342 · 36 342 · 34 342 · 34	$342 \cdot 79$ $342 \cdot 79$ $342 \cdot 84$ $342 \cdot 79$ $342 \cdot 69$ $342 \cdot 69$ $342 \cdot 59$	342·34 342·34 342·34 342·04 341·54	$341 \cdot 69$ $341 \cdot 74$ $341 \cdot 74$ $341 \cdot 84$ $341 \cdot 84$ $341 \cdot 84$	341 · 94 341 · 94 341 · 94 341 · 94 341 · 89 341 · 84	341 · 01 341 · 01 341 · 04	$341 \cdot 44$ $341 \cdot 48$ $341 \cdot 51$ $341 \cdot 54$ $341 \cdot 56$ $341 \cdot 59$

6 GEORGE V, A. 1916

Elevations above M.L.S. of Ottawa River at Bryson, Que., for 1906. TABLE No. 151.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	341 64 341·74 341·89 341·99 342·14	345 · 49 345 · 54 345 · 74 346 · 04 346 · 24	346 · 84 346 · 84 346 · 74 346 · 64 346 · 54	345 · 74 345 · 59 345 · 34 345 · 24 345 · 14	343·19 343·14 343·09 343·04 343·14	341-84 341-84 341-84 341-74 341-69	341·34 341·34 341·34 341·34 341·34	341·59 341·54 341·54 341·54 341·54	341 · 74 341 · 54 341 · 44			
6	342 · 34 342 · 64 342 · 74 343 · 04 343 · 04	346 · 54 346 · 69 346 · 84 347 · 04 347 · 19	346 · 44 346 · 64 346 · 84 346 · 94 346 · 89	345 · 04 344 · 94 344 · 74 344 · 84 344 · 64	343 · 24 343 · 19 343 · 09 342 · 99 342 · 84	341 · 64 341 · 64 341 · 54 341 · 44 341 · 44	341 · 34 341 · 34 341 · 34 341 · 34 341 · 34	341 · 54 341 · 59 341 · 59 341 · 59 341 · 64	340·74 340·74			
11 12 13 14 15	343 · 14 343 · 19 343 · 19 343 · 24 343 · 24	347 · 34 347 · 44 347 · 54 347 · 54 347 · 54	346 · 94 346 · 94 346 · 99 346 · 94 346 · 91	344 · 54 344 · 44 344 · 34 344 · 19 344 · 09	342·74 342·69 342·64 342·59	341 · 39 341 · 34 341 · 29 341 · 46 341 · 51	341 · 29 341 · 29 341 · 29 341 · 34 341 · 34	341 · 64 341 · 69 341 · 69 341 · 71 341 · 74	340 · 79 340 · 79 340 · 84			
16	343 · 29 343 · 34 343 · 54 343 · 74 343 · 94	347-64 347-64 347-59 347-54 347-49	346 · 89 346 · 89 346 · 84 346 · 74 346 · 64	344 · 04 343 · 94 343 · 89 343 · 84 343 · 79	342 · 54 342 · 44 342 · 39 342 · 34	$341 \cdot 34$ $341 \cdot 41$ $341 \cdot 39$ $341 \cdot 39$ $341 \cdot 44$	341 · 34 341 · 34 341 · 34 341 · 42 341 · 42	341 · 74 341 · 79 341 · 84 341 · 84 341 · 84	340 · 89 340 · 94 340 · 99			
21	344 · 24 344 · 54 344 · 84 345 · 04 345 · 24	347 · 44 347 · 39 347 · 34 347 · 24 347 · 24	346 · 59 346 · 54 346 · 64 346 · 69 346 · 44	343 · 74 343 · 64 343 · 54 343 · 49 343 · 44	342 · 34 342 · 24 342 · 19 342 · 04 342 · 04	341 · 34 341 · 31 341 · 44 341 · 34 341 · 34	341 · 42 341 · 34 341 · 44 341 · 44 341 · 49	341 · 89 341 · 89 341 · 91 341 · 94 341 · 94	341 · 14 341 · 14 341 · 19			
26. 27. 28. 29. 30. 31.	345 · 29 345 · 34 345 · 34 345 · 34 345 · 44	347·14 347·14 347·04 346·94 346·84 346·74	346 · 34 346 · 24 346 · 19 345 · 94 345 · 84	343 · 34 343 · 29 343 · 24 343 · 24 343 · 24 343 · 21	342.04 341.99 341.94 341.94 341.89 341.84	341 · 34 341 · 34 341 · 34 341 · 34 341 · 34	341 · 54 341 · 54 341 · 59 341 · 59 341 · 59 341 · 59	341 · 96 341 · 99 341 · 99 342 · 01 342 · 04	341 · 19 341 · 24 341 · 24 341 · 24 341 · 26 341 · 29			

GAUGE HEIGHTS, in feet of Bonnechère River at Renfrew above Lower Dam, for 1913-14.

										TAI	BLE No	. 152.
1		9·4 9·4 9·4 9·3 9·2	8.6 8.5 8.5 8.5 8.4	7·7 7·6 7·6 7·6 7·6	7·1 7·1 7·1 7·1 7·1 7·0	7·4 7·0 6·9 7·0 7·0	5·8 6·9 6·9 5·9 5·4	6·5 7·0 6·9 7·0 6·5	7·3 7·3 7·3 7·3 7·3 7·3	7·0 7·0 6·9 6·8 6·8	7·5 7·5 7·5 7·4 7·5	7·9 7·8 7·9 7·9 7·9
6	10·15 9·95 9·75 9·75 9·80	9·5 9·5 9·4 9·4	8·4 8·4 8·3 8·3 8·2	7·6 7·6 7·6 7·5 7·5	6·9 6·7 7·1 7·0 7·2	7·1 6·0 6·9 7·0 7·0	6·9 6·9 6·9 7·0 2·0	$7 \cdot 0$ $6 \cdot 9$ $7 \cdot 0$ $7 \cdot 0$ $7 \cdot 0$	7·1 7·3 7·3 7·3 7·3 7·3	7·0 7·0 6·9 7·0 6·9	7-4 7-5 7-5 7-5 7-8	7·9 7·9 7·8 7·8 7·8
11	$9 \cdot 95$ $10 \cdot 15$ $10 \cdot 20$ $9 \cdot 95$ $10 \cdot 00$	8·9 8·8 8·7 8·6 8·5	8·2 8·2 8·2 8·2 8·2	7·5 7·5 7·5 7·5 7·5	7·1 7·1 7·2 7·0 7·1	7·0 7·0 7·0 0·0 7·0	2·0 7·0 7·0 7·0 0·0	7·0 7·0 7·0 7·0 7·0 7·0	7·3 7·3 7·3 7·3 7·3 7·3	$6 \cdot 9$ $7 \cdot 0$ $6 \cdot 9$ $7 \cdot 0$ $7 \cdot 0$	7·9 7·9 8·0 8·0 7·9	7·8 7·8 7·8 7·8 7·8
16	9.9 9.9 9.8 9.8 9.9	8.6 8.8 8.8 8.7 8.7	8·4 8·0 7·9 7·9 7·9	7·1 7·3 7·1 7·2 7·3	6·9 5·8 6·9 6·3 6·0	7·0 6·9 6·9 6·9	7·0 7·0 6·9 7·0 7·0	$7 \cdot 0$ $7 \cdot 0$ $7 \cdot 0$ $7 \cdot 1$ $7 \cdot 2$	7·3 7·3 7·3 7·3 7·3 7·3	$6.9 \\ 6.8 \\ 6.8 \\ 6.7 \\ 6.7$	7.8 7.9 7.8 7.9 7.8	7 · 4 7 · 4 7 · 4 7 · 4 7 · 4
21	9·7 9·7 9·7 9·7 9·6	8·7 8·7 8·7 8·7 8·6	7·9 7·9 7·9 7·9 7·9	7·3 7·3 7·2 7·2 7·2	6·8 6·9 7·0 6·9 7·0	0·0 0·0 0·0 2·0 3·0	7·0 7·0 7·0 7·0 7·0 7·0	7·2 7·3 7·3 7·3 7·3 7·3	7·3 7·3 7·2 7·1 7·2	$\begin{array}{c} 2 \cdot 0 \\ 6 \cdot 8 \\ 5 \cdot 4 \\ 7 \cdot 0 \\ 7 \cdot 0 \end{array}$	7.8 7.7 7.8 7.7 7.7	7 · 4 7 · 4 7 · 4 7 · 4 7 · 4 7 · 4
26	9·7 9·7 9·6 9·5 9·5	8-6 8-6 8-6 8-6 8-6	7·9 7·8 7·8 7·8 7·7	$7 \cdot 2$ $7 \cdot 2$ $7 \cdot 1$ $7 \cdot 2$ $7 \cdot 2$ $7 \cdot 0$	6·9 6·8 6·8 6·7 6·7 5·7	6·9 7·0 6·9 6·9	7·0 7·0 7·0 7·0 7·0 7·0	7·3 7·3 7·2 7·3 7·3	7·0 6·8 6·8 6·9 6·8	$7 \cdot 0$ $7 \cdot 1$ $7 \cdot 3$	7.7 7.8 7.9	7·4 8·7 8·9 8·9 8·9 8·6

SESSIONAL PAPER No. 19a

Gauge Height, in feet, of Bonnechère River at Renfrew above Lower Dam, for 1914.

Table No. 153.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	8·2 8·0 8·0 8·0 8·2	9·0 9·8 10·0 10·0 10·0	7·9 7·8 7·8 7·9 8·0	7·4 7·3 7·3 7·2 7·0	6.8 7.2 6.8 6.9 6.9	7·0 6·9 6·8 6·9 6·7	6·0 6·6 6·7 6·6 6·7	7·0 7·0 7·0 7·0 7·0 6·9	6·9 7·0 6·4 6·8 6·6			
6	8·0 8·0 8·0 8·0 8·0	9·7 9·8 9·7 9·8 9·6	7.9 7.9 7.9 7.9 7.8	7·1 7·3 7·2 7·0 7·2	6.8 6.8 7.1 7.0	6·9 7·0 7·1 7·0 7·3	6·8 6·9 6·0 6·8 6·9	6·7 7·0 7·0 6·9 6·7	6.8			
11. 12. 13. 14.	8·0 8·2 8·0 8·0 8·0	9·0 9·8 9·8 10·0 9·9	7·9 7·8 7·9 7·8 7·9	7·0 7·6 7·5 7·6 7·6	4·7 5·6 3·9 6·9 5·7	7·0 7·0 7·0 7·1 7·0	6·8 6·7 6·8 6·9 6·8	6·8 6·6 6·8 6·7 6·8	5·6 6·6 6·8 6·6			
16	8·0 8·3 8·5 8·6 9·0	9·8 10·0 10·0 9·7 9·8	7·8 7·9 7·8 7·9 7·8	7·6 7·6 7·5 7·5 7·4	$7 \cdot 1$ $6 \cdot 0$ $5 \cdot 9$ $7 \cdot 1$ $5 \cdot 7$	6·8 7·0 6·8 6·9 6·7	6·5 6·8 7·0 6·8 6·3	6·8 6·7 5·4 7·0 6·7	6·4 6·8 6·8 7·0			
21 22 23 24 25	9·0 9·0 8·7 8·8 8·7	10·0 10·0 9·8 9·9 8·7	7·3 7·4 7·3 7·4 7·9	7·1 7·3 7·3 7·3 7·3 7·2	7·3 6·2 7·0 6·8 6·9	7·1 7·1 7·0 7·0 7·0	6·4 6·0 6·2 6·9 6·8	4·9 7·0 7·0 6·6 6·8	7·0 7·0 7·0 7·1 7·3			
26. 27. 28. 29. 30.	8·5 8·5 8·7 8·7 9·0	8·8 9·8 9·9 9·8 9·8 7·8	7·3 7·4 7·3 7·4 7·3	7.5 7.0 7.1 6.8 6.6 6.7	7·2 6·9 7·0 6·8 7·0 6·8	6·8 6·9 7·1 7·0 5·0	6·9 6·7 6·4 6·8 6·3	6·9 6·9 6·5 6·9	7·1 7·1 7·0 7·0 7·0 7·2			V

ELEVATIONS above M.L.S. of Bonnechère River below Renfrew, for 1914-15.

	TABLE No	. 154.
1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	283 · 0 282 · 9 283 · 3 283 · 2 283 · 0 283 · 3 283 · 0 283 · 0 283 · 3 283 · 0	283 · 2 283 · 0 283 · 3 283 · 1 283 · 2
6. 7. 8. 9. 10.	283 · 2 283 · 3 283 · 2 283 · 3 283 · 3 283 · 3 283 · 3 283 · 2 283 · 1 283 · 3	283 · 0 283 · 3 283 · 2 283 · 1 282 · 9
11	$\begin{array}{cccc} 283 \cdot 1 & 283 \cdot 3 \\ 283 \cdot 1 & 283 \cdot 1 \\ 283 \cdot 1 & 283 \cdot 0 \\ 283 \cdot 0 & 283 \cdot 1 \\ 283 \cdot 0 & 282 \cdot 9 \end{array}$	283 · 0 283 · 1 283 · 3 283 · 8 283 · 5
16	$\begin{array}{ccc} 283 \cdot 0 & 283 \cdot 0 \\ 282 \cdot 9 & 283 \cdot 0 \\ 282 \cdot 9 & 283 \cdot 3 \\ 283 \cdot 0 & 282 \cdot 9 \\ 283 \cdot 0 & 283 \cdot 0 \end{array}$	283 · 4 283 · 2 283 · 1 283 · 4 283 · 5
21 283-0 22 28:19 23 28:7 24 28:9 25 28:1	$\begin{array}{ccc} 282 \cdot 9 & 283 \cdot 2 \\ 283 \cdot 0 & 283 \cdot 0 \\ 283 \cdot 3 & 282 \cdot 9 \\ 283 \cdot 0 & 284 \cdot 6 \\ 283 \cdot 0 & 284 \cdot 6 \end{array}$	283 · 6 283 · 9 284 · 3 283 · 5 284 · 0
26 253-1 27 28-1 28 28-1 29 28-1 30 28-1 31 28-1	283 · 0 283 · 4 283 · 0 283 · 3 283 · 0 283 · 2 282 · 9 283 · 0 283 · 0 283 · 0	284 · 0 283 · 8 284 · 0 283 · 5 283 · 3 283 · 5

6 GEORGE V, A. 1916 ELEVATIONS above M.S.L. of Ottawa River at Amprior, for 1905.

TABLE No. 155.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oet.	Nov.	Dec.	Jan.	Feb.	March.
											239-17	238-75
											200-11	
											239-00	238 - 6
											239-00	238.0
											239.00	238 - 5
											238 - 92	238 - 5
											200 00	
											238 · 92	238 - 5
											238 · 84	238 - 5
										239 - 42	238 - 84	
											200 04	238 - 5
												200 0
i												
										239 - 25		
											238 - 84	238 - 9
))												
										239 - 17		240 - 5

Elevations above M.S.L. of Ottawa River at Arnprior, for 1905-06.

										Т	ABLE 1	No. 156
1 2 3 3 4 5	240 · 67 241 · 00 241 · 42 241 · 50	241·75 241·92 242·17 242·25 242·42	243 · 42 243 · 34 243 · 25 243 · 17	241 · 67 241 · 67 241 · 67 241 · 67	241 · 42 241 · 33 241 · 25 241 · 25 241 · 17	240 · 17 240 · 09 240 · 09 240 · 09	239 · 92 239 · 84 239 · 84 239 · 84	240 · 42 240 · 33 240 · 33 240 · 25	240 · 83 240 · 42 240 · 25 240 · 25	239 · 92 239 · 92 239 · 92 239 · 92 239 · 92	240·92 240·92	240 · 17 240 · 17 240 · 09 240 · 00
6 7. 8 9	241 · 92 242 · 00 242 · 08 242 · 17	242 · 42 242 · 84 243 · 00 243 · 17	$\begin{array}{c} 243 \cdot 17 \\ 243 \cdot 09 \\ 243 \cdot 09 \\ 243 \cdot 00 \\ 243 \cdot 00 \end{array}$	241 · 42 241 · 33 241 · 33 241 · 25	241 · 09 240 · 92 240 · 84 240 · 84	240 · 17 240 · 17 240 · 17 240 · 17	239·75 239·67 239·67 239·59	240·33 240·33 240·33 240·33 240·33	240 · 25 240 · 25 240 · 17 240 · 17	239 · 92 239 · 83		240 · 00 239 · 92 239 · 92 239 · 92 239 · 92
11 12 13 14 15	242 · 25 242 · 34 242 · 17 242 · 08 242 · 08	243 · 42 243 · 58 243 · 42 243 · 42	243 · 00 243 · 09 243 · 09 243 · 09	241 · 25 241 · 17 241 · 17 241 · 17 241 · 17	240·75 240·67 240·59 240·59	$\begin{array}{c} 240 \cdot 17 \\ 240 \cdot 09 \\ 240 \cdot 09 \\ 240 \cdot 00 \\ 240 \cdot 00 \end{array}$	239-67 239-67 239-67 239-67	240 · 25 240 · 42 240 · 42 240 · 42	240 · 09 240 · 00 240 · 00 240 · 00 239 · 92	239 · 67 239 · 67 239 · 67 239 · 67	240 · 09 240 · 09 240 · 09	239 · 75 239 · 75 239 · 75 239 · 75 239 · 75
16 17 18 19 20	242 · 08 242 · 08 241 · 92 241 · 92	$\begin{array}{c} 243 \cdot 42 \\ 243 \cdot 42 \\ 243 \cdot 42 \\ 243 \cdot 50 \\ 243 \cdot 92 \end{array}$	243 · 09 243 · 09 243 · 09 243 · 00	241 · 17 241 · 17 241 · 17 241 · 17	240 · 50 240 · 42 240 · 42 240 · 33	240 · 42 240 · 42 240 · 42 240 · 42	239 · 67 239 · 84 239 · 92 239 · 92 240 · 00	240 · 42 240 · 25 240 · 25 240 · 25	239 · 92 239 · 84 239 · 84 239 · 84	239 · 67 239 · 67 239 · 67 239 · 67 239 · 67	240 · 00 240 · 00 240 · 00 240 · 00	239 · 67 239 · 67 239 · 59 239 · 59
21 · · · · · · · · · · · · · · · · · · ·	241 · 75 241 · 64 241 · 50 241 · 50	244 · 00 244 · 00 244 · 00 243 · 92	242 · 84 242 · 75 242 · 67 242 · 59	241 · 17 241 · 17 241 · 17 241 · 17	$\begin{array}{c} 240 \cdot 25 \\ 240 \cdot 25 \\ 240 \cdot 17 \\ 240 \cdot 17 \\ 240 \cdot 17 \end{array}$	240 · 33 240 · 33 240 · 33 240 · 17	240 · 17 240 · 42 240 · 50 240 · 59	$\begin{array}{c} 240 \cdot 25 \\ 240 \cdot 17 \end{array}$	239 · 84 239 · 84 239 · 84 239 · 75	239·75 240·67 241·00 240·92	240 · 09 240 · 17 240 · 17 240 · 17	239 · 50 239 · 50 239 · 50 239 · 50
26 27 28 29 30 31	241 · 50 241 · 12 241 · 42 241 · 50	243 · 72 243 · 72 243 · 67 243 · 58 243 · 50	242 · 34 242 · 17 242 · 17 42 · 09 242 · 00	241 · 17 241 · 17 241 · 25 241 · 25 241 · 33	240 · 09 240 · 09 240 · 00 240 · 00 240 · 00	240 · 17 240 · 09 240 · 00 240 · 00 239 · 92	$\begin{array}{c} 240 \cdot 59 \\ 240 \cdot 67 \\ 240 \cdot 59 \\ 240 \cdot 50 \\ 240 \cdot 50 \\ \end{array}$	240 · 25 240 · 25 240 · 59 240 · 59	239·75 239·75 239·75 239·83 239·92	240 · 92 240 · 92 240 · 92 240 · 92 240 · 92	240·33 240·25 240·25	$\begin{array}{c} 239 \cdot 33 \\ 239 \cdot 67 \\ 239 \cdot 92 \\ 239 \cdot 92 \\ 240 \cdot 00 \\ 240 \cdot 09 \end{array}$

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Amprior, for 1906.

TABLE No. 157.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	240·17 240·25 240·42 240·50	243·09 243·09 243·09 243·42 243·67	244·17 244·17 243·92 243·83	243 · 42 243 · 34 243 · 17 243 · 09	240 · 75 240 · 75 240 · 67 240 · 67	239·42 239·34 239·25 239·25	238 · 59 238 · 59 238 · 59 238 · 59 238 · 59	239 · 00 239 · 00 239 · 00 239 · 00	239 - 84 239 - 67 239 - 67 239 - 67			
6	240 · 59 240 · 67 240 · 92 241 · 00	243 · 83 243 · 92 244 · 17 244 · 25	243 · 83 243 · 75 243 · 92 243 · 92	242 · 92 242 · 75 242 · 67 242 · 42	$\begin{array}{c} 240\cdot 50 \\ 240\cdot 42 \end{array}$	239 · 17 239 · 17 239 · 09	238·50 238·50 238·50 238·50	$239 \cdot 00$ $239 \cdot 09$ $239 \cdot 09$ $239 \cdot 09$ $239 \cdot 09$				
11	241.09 241.09 241.09 241.09	244 · 42 244 · 59 244 · 59 244 · 67	244 · 17 244 · 17 244 · 34 244 · 34 244 · 25	242 · 34 242 · 17 242 · 09 241 · 92	240 · 42 240 · 25 240 · 17 240 · 17	238 · 92 238 · 92 238 · 92 238 · 84 238 · 75	238 · 50 238 · 50 238 · 50 238 · 50	239 · 17 239 · 17 239 · 25 239 · 25	239 · 50 239 · 50 239 · 50			
16	241 · 17 241 · 17 241 · 33 241 · 50 241 · 67	244 · 83 244 · 92 244 · 92 244 · 83	244 · 25 244 · 25 244 · 25 244 · 25	241 · 75 241 · 67 241 · 59 241 · 42 241 · 42	240 · 17 240 · 09 240 · 00 240 · 00	238 · 75 238 · 75 238 · 75 238 · 75 238 · 75	238 · 59 238 · 59 238 · 59 238 · 59 238 · 67	239 · 25 239 · 25 239 · 25 239 · 34	239 · 50 239 · 50 239 · 50			
21	241 · 92 242 · 50 242 · 67 242 · 83	244 · 67 244 · 67 244 · 59 244 · 50 244 · 50	244 · 17 244 · 09 244 · 09 244 · 09	241 · 34 241 · 25 241 · 09 241 · 00	239 · 92 239 · 84 239 · 84 239 · 84 239 · 75	238-67 238-67 238-59 238-50	238-67 238-67 238-67 238-75	239 · 34 239 · 34 239 · 34 239 · 42	239 - 42			
26. 27. 28. 29. 30. 31.	242 · 92 243 · 00 243 · 00 243 · 00	244 · 50 244 · 42 244 · 34 244 · 25 244 · 17	244.00 243.92 243.75 243.75	240 · 92 240 · 92 240 · 92 240 · 92 240 · 84	239 · 67 239 · 59 239 · 50 239 · 50 239 · 50	238 · 50 238 · 50 238 · 50 238 · 59	238·75 238·75 233·75 238·84 238·92	239 · 50 239 · 67 239 · 67 239 · 67 239 · 67				

Elevations above M.S.L. of Ottawa River at Amprior, for 1914-15.

TABLE No. 158 237·70 237·70 237·70 237·70 238-00 238 - 40 243 · 10 243 · 30 238-40 238-40 240 - 60 241.50 241.40 239·50 239·50 238.00 238 - 40 238 - 40 238 - 40 240·70 240·70 241 · 50 241 · 50 241·40 241·30 238-00 237-90 238 - 40 238 - 60 238-40 238 - 50 243 - 40 238 - 40 239.30 238-40 238 - 60 228,40 240.70 243.50 241.50 239 - 30 238-40 237 - 90 237 - 70 238 - 60 238 - 40 238 - 40 238 - 40 237 · 80 237 · 80 237 · 80 237 · 80 237 · 90 237 · 70 237 · 70 237 · 70 237 · 70 237 · 70 240 - 60 $^{243\cdot 50}_{243\cdot 50}_{243\cdot 50}$ 241.50 239-20 238-30 238-40 238-50 238 - 60 238.40 241.50 241.20 239-20 238-30 238-60 238 - 50 238 - 50 238 - 40 240 - 60 241.60 241.10 239 - 20 238 · 30 238 · 30 238 · 70 238 · 70 238 · 70 238 - 50 240-60 243 · 40 243 · 40 241-60 241.00239-10 238 - 50 238 - 50 10.... 240 - 60 241.50 240.90 239-10 238 - 30 238 - 50 938,30 240 · 60 240 · 50 243 - 40 241.50 $240 \cdot 80$ $239\cdot 10$ $238 \cdot 30$ $238 \cdot 30$ $238 \cdot 30$ $237 \cdot 90$ $237 \cdot 80$ $^{237 \cdot 70}_{237 \cdot 70}_{237 \cdot 70}$ $238\cdot 70$ $238 \cdot 50$ 238 - 50 $238 \cdot 30$ 12... 243 · 40 243 · 40 243 · 40 241.50 249-80 239 - 00 238 · 70 238 · 70 238 · 30 238 · 20 240.50 241.50 240.70 239 - 00 238 - 50 238 - 50 240 - 40 241.50 240.70 239.00 237 · 70 237 · 80 243-40 240 - 60 15. 240 - 40 241.50 239 - 00 238 - 30 237 - 80 16. 240 - 40 243 - 40 241.50 240.60 239.00 238 - 30 $237 \cdot 90$ 238-60 240 · 40 240 · 40 243 · 20 243 · 20 243 · 00 238 · 30 238 · 30 237 · 80 237 · 80 237 · 80 237 · 90 237 · 90 238 · 40 238 · 40 241.50 240.60 238 - 90 238 - 60 238 - 50 18 241.40 240 - 50 238 - 90 238 - 60 238 - 50 238 - 20 238-80 237-90 238-50 240.50 238-30 238 - 50 $238 \cdot 20$ 21... 241-10 242.60 241.60 240 - 30 238-80 238 - 30 237-801 238-10 238 - 50 238 - 50 238-40 938.30 242·40 242·30 242·20 237·80 237·80 240.20 238 - 80 238 - 30 238-10 238 - 50 $238 \cdot 50$ 238-40 238-40 241·70 241·90 $241 \cdot 80$ 240 - 10 238·70 238·70 238-30 238 - 20 238 - 50 238-50 241.90 240 - 10 238 - 20 237 · 80 237 · 70 238-20 238-40 238 - 50 238 - 50 25. 242 - 10 242.20 240.00 238 - 70 238 - 20 238 - 20 238 - 40 238-60 238 - 90 242 · 20 242 · 30 242 · 40 242 · 50 $242 \cdot 20 \\ 242 \cdot 10$ $\begin{array}{c} 237 \cdot 70 \\ 237 \cdot 70 \end{array}$ 238 · 70 238 · 70 241-60 240.00 238 - 60 238 - 20 238 - 30 239 - 90 238 - 60 $941 \cdot 50$ 238 - 20 $238 \cdot 40$ $238 \cdot 40$ 238 - 50 242.00 239 - 90 238 - 60 238 - 20 238 - 40 238 - 40 238 - 50 238 - 60 238-70 241 · 90 241 · 80 241 · 70 241.50 239 · 90 239 · 70 238 - 50 238 - 40 238 · 50 238 · 40 242-60 $241 \cdot 50$ 238-10 238 - 40 238·40 238·40 238 - 50 238 - 60 239 - 60 238 - 50 238-60

6 GEORGE V, A. 1916 ELEVATIONS above M.S.L. of Madawaska River at Calabogie, for 1909–10.

		-								ADLE IN		
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
		505 - 4		500 - 8	500 - 7	500.0	499.5	499-2		499 - 7	499-9	499 - 8
1		505.4	504 - 6	500.2	500 - 7	500.0	499.5			499 - 7	499.9	499-8
3		505.8	504.5	500 - 7	500 - 6	499.9	499 - 4	499 - 2		499.7	499.9	499
4		505.9	504 - 1	500 - 6	500 - 6	499.9	499 - 4	499 - 1		499-7	499 - 9	499
5		505.7	503.9	500 - 6	500 - 6	500.0	499 - 4	499-1		499.7	499 - 8	499-
6		565.5	503.7	500.5	500 - 6	500.0	499.4			499 - 7	499-8	499-
7		505.8	503 · 1	500 - 4	500 - 5	500.0	499.4			499-7	499.8	499
8		505 - 7	503.0	500 - 4	500 - 5	500.0	499.3			499 - 7	499-8	499
9		505.5	503.3	500-3	500 4	500.0	499.3			499 - 7	499-8	499
0		505.5	503 · 2	500 - 2	500 - 4	500.0	499.3	499.0		499 - 7	499-8	499 -
1		505.8	503.2	500 · 1	500 - 4	499-9	499.3			499 - 7	499.7	499.
2		506.0	503.0	500 - 1	500-4	499.9	499.3			499 - 7	499-7	499 -
3		506.0	503.0	500 · 1	500 - 4		499.3			499 - 7	499-6	500 -
4		505.9	502.9	500 - 1	500 - 3	499 - 9	499·3 499·3			499·7 499·6	499-7	500
5		505.9	502.9	500 - 1	500 · 2	499.9	499.3	499-0		499.6	499-7	500
6		505.8	502.7	500 - 0	500 - 2	499.9	499.3			499-6	499.7	500 -
7		505.8	$502 \cdot 2$	500 - 0	500 - 2	499.9	499.3			499.5	499.7	500 -
8		505.8	502 - 1	500 • 0	500 - 2	499.9	499.3			499 - 5	499.7	500 -
9		505.8	502.0	499.9	500 · 2	499.8	499.3			499.5	499-7	500 -
0		505.8	501.8	500.0	500 · 3	499.8	499.3	498-9		499-5	499.7	500 -
1		505.8	501.7	500.0	500.3	499 - 8	499.3	498-9		499-5	499.7	500 -
2		505.7	501.6	500 - 1	500 - 3	499.7	499.3			499-6	499.7	500 -
3		505.6	501.4	500 - 2	500 · 3	499.7	499.3			499-6	499.7	500 -
4	505-9	505.6	501.4	500 - 3	500 · 2	499.7	499.3			499-8	499.8	500
5	505 - 9	505.3	501.4	500 - 3	500 · 1	499-6	499.3			499-8	499-8	500-
6	505-7	505.3	501.3	500 - 4	500 - 1	499-6	499.3			499-8	499.7	501
7	505-7	505 · 1	501.2	500 - 6	500 - 1	499 - 6	499 - 3			499 - 9	499-6	502
8	505.5	505 - 1	501.0	500 - 7	500 · 1	499 - 6	499.3			499-9	499.7	502
9	505 - 4	505.0	501.0	500 - 6		499.5	499·3 499·2			499·9 499·9		502 · 503 ·
0	505-4	504.9	500.9	500 · 6 500 · 7	500.0	499.5	499 - 2			499-9		503
1		504.8		300.7	0.00		499.2			499+9		303

Elevations above M.S.L. of Madawaska River at Calabogie, for 1910–11.

									TABLE No. 160.					
1	503·8 503·9 504·1 504·1 504·2	503·1 503·0 503·0	501 · 0 500 · 9 500 · 8 500 · 7 500 · 7	500 · 1 500 · 1 500 · 0 499 · 9 499 · 8	498·5 498·5 498·5 498·5 498·4	497 · 8 497 · 8 497 · 8 497 · 8 497 · 8	498·2 498·2 498·2 498·2 498·2	498·3 498·3 498·3 498·3 498·2	498·3 498·3 498·3 498·3 498·3	498·1 498·1 498·1 498·0 498·0	497 · 8 497 · 8 497 · 8 497 · 8 497 · 8	497 · 7 497 · 7 497 · 7 497 · 7 497 · 7		
6	$\begin{array}{c} 504 \cdot 2 \\ \end{array}$	503·0 503·0 502·9	500 · 7 500 · 7 500 · 6 500 · 6 500 · 6	499·8 499·7 499·6 499·6 499·5	498·4 498·4 498·4 498·4 498·5	497 · 9 498 · 0 498 · 1 498 · 3 498 · 3	498 · 4 498 · 7 498 · 7 498 · 7 498 · 7	498·3 498·3 498·3 498·2 498·2	498·3 498·2 498·2 498·3 498·3	$\begin{array}{c} 498 \cdot 0 \\ 498 \cdot 0 \\ 498 \cdot 0 \\ 498 \cdot 0 \\ 498 \cdot 0 \end{array}$	497·8 497·8 497·7 497·6 497·5	497·7 497·7 497·7 497·7 497·7		
11 12 13 14 15	504·1 504·0 504·0 503·9 503·8	502·5 502·4 502·3	500 · 5 500 · 5 500 · 4 500 · 4 500 · 3	499 · 5 499 · 4 499 · 4 499 · 4 499 · 3	498·5 498·4 498·3 498·2 498·2	498 · 4 498 · 4 498 · 4 498 · 4 498 · 5	498 · 5 498 · 4 498 · 4 498 · 4 498 · 4	498-2 498-3 498-3 498-3 498-3	498 · 2 498 · 2 498 · 2 498 · 2 498 · 2	$\begin{array}{c} 498 \cdot 1 \\ 498 \cdot 1 \\ 498 \cdot 0 \\ 498 \cdot 0 \\ 498 \cdot 0 \end{array}$	497 · 1 497 · 2 497 · 2 497 · 5 497 · 6	497 · 7 497 · 7 497 · 7 497 · 7 497 · 7		
16 17 18 19 20	503 · 8 503 · 7 503 · 6 503 · 5 503 · 5	502·2 502·1 502·1	500·3 500·3 500·2 500·2 500·2	499·3 499·2 499·2 499·1 499·1	498 · 0 497 · 9 497 · 9 497 · 9 497 · 9	498 · 5 498 · 4 498 · 4 498 · 4 498 · 4	498 · 4 498 · 4 498 · 5 498 · 5 498 · 4	498-3 498-3 498-3 498-3 498-3	498 · 1 498 · 1 498 · 1 498 · 1 498 · 1	498-0 498-0 498-0 497-9 497-9	497·7 497·7 497·7 497·7 497·7	497 · 7 497 · 7 497 · 7 497 · 7 497 · 7		
21 22 23 24 25	503·4 503·3 503·2 503·1 503·0	502·1 502·1 502·0	500 · 2 500 · 2 500 · 2 500 · 2 500 · 2	499 · 0 499 · 0 498 · 9 498 · 9 498 · 9	497 · 8 497 · 9 497 · 9 498 · 0 498 · 0	498 · 4 498 · 4 498 · 3 498 · 3 498 · 4	498·4 498·3 498·3 498·3 498·3	498 · 3 498 · 3 498 · 3 498 · 3 498 · 2	498·1 498·1 498·1 498·1 498·1	497-9 497-9 497-9 497-9 497-9	497 · 7 497 · 7 497 · 7 497 · 7 497 · 7	497·7 497·7 497·7 497·8 497·8		
26	502·9 503·2 503·3 503·2 503·1	501·8 501·6 501·2	500 · 1 500 · 1 500 · 1 500 · 1 500 · 1	498·8 498·7 498·7 498·7 498·6 498·6	498.0 497.9 497.9 497.9 497.9 497.8	498·4 498·5 498·4 498·3 498·3	498 · 2 498 · 2 498 · 2 498 · 2 498 · 3 498 · 3	498 · 2 498 · 2 498 · 2 498 · 2 498 · 3	498·1 498·1 498·1 498·1 498·1 498·1	497 · 8 497 · 8 497 · 8		497.8 497.9 497.9 498.0 498.0 498.1		

SESSIONAL PAPER No. 19a

 ${\tt Elevations}$ above M.S.L. of Madawaska River at Calabogie, for 1911–12.

										TA	BLE No	. 161.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	498·1 498·1 498·1 498·2 498·2	502·8 502·8 502·8 502·7 502·7	501·8 501·7 501·6 501·5 501·5	501·0 500·9 500·9 500·8 500·7	499·4 499·3 499·3 499·3 499·3	498·6 498·5 498·5 498·5 498·4	498·0 498·0 498·0 498·0 498·0	498 · 4 498 · 4 498 · 4 498 · 4 498 · 3	499·0 499·0 499·0 499·0 499·0	499·9 499·8 499·8 499·8 499·7	499 · 4 499 · 3 499 · 3 499 · 3 499 · 3	498 · 9 498 · 9 498 · 9 498 · 9 498 · 9
6	498·3 498·3 498·5 498·8 499·1	502 · 6 502 · 6 502 · 5 502 · 5 502 · 4	501·5 501·5 501·4 501·4 501·5	500 · 6 500 · 6 500 · 5 500 · 5 500 · 5	499 · 2 499 · 2 499 · 2 499 · 2 499 · 1	498 · 4 498 · 4 498 · 3 498 · 3 498 · 3	498 · 0 498 · 1 498 · 1 498 · 1 498 · 1	498·3 498·3 498·3 498·4 498·4	499 · 1 499 · 1 499 · 1 499 · 1 499 · 2	499 · 7 499 · 7 499 · 6 499 · 6	499·3 499·2 499·2 499·2 499·2	498 · 8 498 · 8 498 · 8 498 · 8 498 · 8
11 12 13 14 15	499 · 5 499 · 9 500 · 3 500 · 8 501 · 8	502·4 502·3 502·2 502·2 502·1	501.5 501.6 501.7 501.8 501.8	500 · 4 500 · 4 500 · 3 500 · 2 500 · 1	499 · 1 499 · 1 499 · 1 499 · 1 499 · 1	498 · 2 498 · 1 498 · 0 498 · 0 497 · 9	498 · 1 498 · 2 498 · 2 498 · 2 498 · 2	498 · 4 498 · 4 498 · 4 498 · 4 498 · 5	499 · 2 499 · 3 499 · 4 499 · 5 499 · 7	499 · 6 499 · 5 499 · 5 499 · 5 499 · 5	499 · 2 499 · 1 499 · 1 499 · 1 499 · 1	498·7 498·7 498·7 498·7 498·7
16	502 · 8 503 · 0 502 · 9 502 · 8 502 · 9	$502 \cdot 1$ $502 \cdot 0$ $501 \cdot 9$ $501 \cdot 9$ $502 \cdot 0$	501·9 501·9 501·7 501·6	500 · 1 500 · 0 500 · 0 500 · 0 500 · 0	499 · 0 499 · 0 499 · 0 499 · 0 499 · 0	497.9 497.9 497.9 497.9 497.9	498·3 498·3 498·3 498·4 498·4	498·5 498·5 498·6 498·7 498·7	499 · 9 500 · 0 500 · 0 500 · 0 500 · 1	499·5 499·5 499·5 499·5 499·5	499 · 0 499 · 0 499 · 0 499 · 0 499 · 0	498-7 498-7 498-8 498-8 498-8
21	503 · 1 503 · 1 503 · 1 503 · 1 503 · 0	$502 \cdot 0$ $501 \cdot 9$ $501 \cdot 8$ $502 \cdot 0$ $502 \cdot 1$	501 · 5 501 · 5 501 · 4 501 · 5 501 · 3	500 · 0 499 · 9 499 · 9 499 · 8 499 · 8	499 · 0 498 · 9 498 · 9 498 · 8 498 · 8	497-9 497-9 498-0 498-0 498-0	498·5 498·5 498·5 498·5 498·5	498·7 498·7 498·7 498·8 498·8	500 · 1 500 · 1 500 · 1 500 · 1 500 · 0	499·5 499·5 499·5 499·5 499·5	499 · 0 499 · 0 499 · 0 499 · 0 499 · 0	498 · 8 498 · 8 498 · 8 498 · 7 498 · 7
26	503 · 0 503 · 1 503 · 0 502 · 9 502 · 9	$\begin{array}{c} 502 \cdot 2 \\ 502 \cdot 1 \\ 502 \cdot 1 \\ 502 \cdot 0 \\ 502 \cdot 0 \\ 501 \cdot 9 \end{array}$	501 · 4 501 · 5 501 · 4 501 · 3 501 · 1	499·7 499·6 499·6 499·5 499·5 499·4	498 · 7 498 · 7 498 · 7 498 · 6 498 · 6	498·0 498·0 498·0 498·0 498·0	498 · 5 498 · 5 498 · 5 498 · 5 498 · 4 498 · 4	498.8 498.9 498.9 498.9 498.9	500 · 0 500 · 0 500 · 0 499 · 9 499 · 9	499 · 4 499 · 4 499 · 4 499 · 4 499 · 4 499 · 4	499 · 0 499 · 0 499 · 0	498 · 7 498 · 7 498 · 7 498 · 7 498 · 7

ELEVATIONS above M.S.L. of Madawaska River at Calabogie, for 1912-13.

								T	ABLE N	o. 162.		
1	498·7 498·7 498·7 498·8 498·9	504 · 2 504 · 1 504 · 0 503 · 9 503 · 8	504 · 6 504 · 6 504 · 5 504 · 5 504 · 4	501·3 501·2 501·1 501·0 501·0	499 · 2 499 · 2 499 · 2 499 · 2 499 · 1	499 · 1 499 · 1 499 · 1 499 · 1 499 · 1	499·1 499·1 499·0 499·0 499·0	500 · 1 500 · 1 500 · 1 500 · 1 500 · 1	501·3 501·4 501·4 501·6 501·7	501·1 501·1 501·1 501·1 501·1	501·1 501·1 501·0 501·0 500·9	500 · 2 500 · 2 500 · 2 500 · 1 500 · 1
6	498 · 9 499 · 1 499 · 9 501 · 1 501 · 6	503 · 6 503 · 5 503 · 4 503 · 3 503 · 2	504·3 504·2 504·1 504·0 503·9	500 · 9 500 · 8 500 · 7 500 · 7 500 · 6	$499 \cdot 1$ $499 \cdot 0$ $499 \cdot 0$ $499 \cdot 0$ $499 \cdot 1$	499 · 2 499 · 2 499 · 1 499 · 1 499 · 1	499 · 0 499 · 0 498 · 9 498 · 9 498 · 9	$500 \cdot 2$ $500 \cdot 3$ $500 \cdot 5$ $500 \cdot 8$ $501 \cdot 0$	502·0 502·0 502·1 502·0	501·0 501·0 501·0 500·9 500·9	500 · 9 500 · 8 500 · 8 500 · 8 500 · 7	500 · 1 500 · 1 500 · 1 500 · 1 500 · 1
11. 12. 13. 14. 15.	502·0 502·2 502·4 502·6 502·8	503 · 2 503 · 3 503 · 3 503 · 3 503 · 4	503 · 8 503 · 6 503 · 5 503 · 3 503 · 1	$500 \cdot 5$ $500 \cdot 4$ $500 \cdot 2$ $500 \cdot 1$ $500 \cdot 0$	499·1 499·2 499·2 499·2 499·1	499·1 499·0 499·0 499·0	498 · 9 498 · 9 498 · 9 498 · 9 498 · 8	$501 \cdot 1$ $501 \cdot 2$ $501 \cdot 3$ $501 \cdot 4$ $501 \cdot 5$	502·0 501·9 501·9 501·8 501·8	500 · 8 500 · 8 500 · 8 500 · 8 500 · 8	500 · 7 500 · 6 500 · 6 500 · 5 500 · 5	500 · 0 500 · 0 500 · 0 500 · 1 500 · 4
16	503 · 2 503 · 6 504 · 2 504 · 4 504 · 4	503·5 503·5 503·6 503·7 503·8	503 · 0 502 · 9 502 · 7 502 · 6 502 · 5	499 · 9 499 · 9 499 · 8 499 · 8 499 · 8	499 · 2 499 · 1 499 · 1 499 · 1 499 · 1	499 · 0 499 · 0 499 · 0 499 · 0 499 · 0	498-8 498-8 498-8 498-8 498-8	501.5 501.5 501.5 501.4 501.4	501·8 501·7 501·7 501·7 501·7	500 · 8 500 · 8 500 · 9 500 · 9 500 · 9	500 · 4 500 · 4 500 · 3 500 · 3 500 · 3	500 · 7 501 · 0 501 · 2 501 · 4 501 · 7
21	504 · 4 504 · 6 504 · 7 504 · 7	503 · 8 503 · 9 503 · 9 503 · 9 504 · 0	$502 \cdot 4$ $502 \cdot 2$ $502 \cdot 1$ $502 \cdot 0$ $501 \cdot 9$	499·7 499·6 499·6 499·5	499 1 499 1 499 1 499 1 499 1	499·0 499·0 499·0 499·0 499·0	498·9 498·9 499·0 499·1 499·3	501·4 501·4 501·3 501·4 501·4	501.6 501.6 501.6 501.6 501.6	$501 \cdot 0$ $501 \cdot 1$ $501 \cdot 2$ $501 \cdot 3$ $501 \cdot 3$	500·3 500·3 500·3 500·3 500·3	502·3 503·1 503·7 504·1 504·5
26. 27. 28. 29. 30.	504·7 504·7 504·7 504·5 504·4	504·1 504·2 504·3 504·4 504·5 504·6	501·7 501·6 501·5 501·4 501·4	499 · 5 499 · 4 499 · 4 499 · 4 499 · 3	$\begin{array}{c} 499 \cdot 1 \\ 499 \cdot 1 \end{array}$	499·0 499·0 499·0 499·1 499·1	499·5 499·8 499·9 500·0 500·0	501·4 501·4 501·4 501·3 501·3	$\begin{array}{c} 501 \cdot 5 \\ 501 \cdot 4 \\ 501 \cdot 3 \\ 501 \cdot 3 \\ 501 \cdot 2 \\ 501 \cdot 2 \end{array}$	501-1 .	500·2 500·2 500·2	505·0 505·2 504·8 504·6 504·5 504·7

6 GEORGE V, A. 1916

Elevations above M.S.L. of Madawaska River at Calabogie, for 1913–14.

TABLE No. 163.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	505.0	504 · 8	501.5	199-8	499-0	498-0	498 - 2	498 - 1	499 - 3	499 · 1	498-8	498+8
2	505 - 1	504 · 7	501.5	499 - 7	499-0	498-0	498 - 2	498 - 1	499.3	499 - 1	498-9	498-7
3	505·3 505·3	504 - 5	501·4 501·4	499·7 499·6	499·0 498·9	497 · 9 497 · 9	498 · 1 498 · 0	498 · 1 498 · 1	499-3	499 · 1 499 · 1	498 · 9 499 · 0	498·7 498·7
5	505.4	504.4	501 4	499-6	498 - 9	497.9	498.0	498 - 1	499-4	499-1	499-0	498-7
6	505-5	504.3	501.3	499-6	498 - 9	497.8	498.0	498 - 2	499-6	499 - 1	499-0	498-7
8	505·5 505·5	504 · 1 503 · 9	501·2 501·2	499 · 6	498 · 9 498 · 9	497 · 8 497 · 8	498 · 0 497 · 9	498 · 2 498 · 2	499-6 499-6	499 · 1 499 · 1	499-0 499-0	498·7 498·7
9	505.4	503.7	501-1	499.5	498 - 8	497.8	497 - 9	498-3	499-5	499-1	499.0	498 - 7
10	505-4	503.5	501.0	499-4	498.8	497.8	497.8	498-3	499.5	499-1	499.0	498 - 7
11	505 - 4	503 · 4	500 - 9	499 - 4	498 - 8	497 - 8	497.8	498 - 4	499 - 4	499 - 1	499.0	498 - 7
12	505 · 4 505 · 5	503·3 503·1	500 · 8	499-3	498 · 8 498 · 8	497·7 497·7	497 · 8 497 · 8	498 - 4	499·5 499·3	499·1 499·0	498 · 9 498 · 9	498 - 6
13	505-5	502.9	500 - 8	499.3	498-8	497 - 7	497.8	498-6	499.3	499.0	498 - 9	498 - 6
15	505.6	502.8	500 - 7	499.3	498 - 7	497.7	497.7	498.7	499-3	498.9	498-9	498 - 6
16	505 - 7	502.7	500 - 6	499-2	498-7	497 - 7	497.7	498-8	499-3	498-9	498 - 9	498.7
17 18	505·7 505·7	502·6 502·5	500 · 6 500 · 5	499·2 499·2	498 · 6	497 · 7 497 · 8	497 · 6 497 · 6	498-8	499-3	498·9 498·9	498 · 8 498 · 8	498 · 7 498 · 7
18	505 - 6	502.3	500 - 4	499-2	498 - 5	497 - 8	497.6	498-8	499.3	498-9	498 - 8	498 - 7
20	505-6	502.3	500 · 4	499 - 2	498 - 5	497.8	497.6	499.0	499.3	498.9	498 · 8	498 - 7
21	505-6	502-2	500 - 3	499-2	498.5	497.9	497-6	499-1	499.3	498-8	498-8	498 - 7
22	505·5 505·5	502·1 502·0	500 · 2 500 · 2	499 · 2 499 · 1	498 · 4 498 · 4	498 · 0 498 · 0	497 - 6	499·2 499·2	499 - 3	498 - 8	498 - 8	498 - 7
2324	505-4	501.9	500 - 2	499-1	498-4	498 - 0	497 - 7	499 - 2	499-3	498 · 8 498 · 8	498 · 7	498 - 7
25	505 - 3	501-9	500-1	499-1	498.3	498 - 1	497.8	499-2	499.3	498-8	498 - 7	498 - 7
26	505-2	501-8	500.0	499 - 1	498 - 3	498-1	497.8	499-3	499-3	498.8	498.7	498 - 8
27	505 - 2	501.8	500 - 0	499-1	498 - 2	498 - 1	497 - 8	499.3	499.3	498 - 8	498.7	498 - 9
28	505·1 505·0	501·7 501·7	499 · 9 499 · 9	499 · 1 499 · 1	498 · 2 498 · 1	498 · 1 498 · 1	497·8 497·9	499·3 499·3	499 · 3 499 · 2	498 · 8 498 · 8	498 - 7	499-0
30	504 - 9	501.6	499.8	499.0	498-1	498-1	497.9	499.3	499.2			499 - 5
31		501.6		499.0	498 - 1	2,707	498-0	250 0	499-2			499.8

Elevations above M.S.L. of Madawaska River at Calabogie, for 1914-15.

TABLE No. 164.

					Charge Charge Co.						
1	500 - 0	502.9 501.	500.0	499.0	498-4	498-4	498-7	499-2	499 - 1	498-9	499-0
2	500-3	502.9 500.		499.0	498-4	498 - 3	498-7	499-2	499-2	498-9	499-1
3	500.5	503.0 500.		498-9	498-5	498-5	498-7	499.3	499-1	499.0	499-1
4	500-5	502.9 500.		498 - 9	498 - 5	498 - 5	498.7	499.3	499-1		499-1
5	500 - 6	503.0 500.		498 - 8	498 - 6	498 - 5	498 - 7	499.4	499-1	498-9	499 - 2
ð	900.0	909.0 900.	300.0	498.8	498.0	498.0	498 - 7	499.4	499.0	498 - 9	499.2
6	500 - 6	503.0 500.	7 500 - 0	498 - 8	498-6	498 - 5	498-7	499 - 4	499 - 0	498 - 9	499-2
7	500 - 6	503.0 500.	7 499-9	498-8	498-6	498 - 5	498 - 7	499.5	499 - 1	498-9	499-2
8	500 - 6	503.0 500.	7 499.8	498 - 8	498-7	498 - 5	498-7	499.5	499-1	499.0	499 - 2
9	500.6	503 - 0 500 -		498 - 7	498 - 7	498 - 5	498 - 7	499-5	499-1	498-9	499 - 2
10	500 - 6	502 - 9 500 -	7 499-8	498-6	498-7	498-6	498 - 7	499.5	499 1	498 - 9	499 - 2
***************************************	000 0	000 0	100 0	100 0	100	100 0	100 1	300.0	100 1	430.3	400.2
11	500-6	502-8 500-		498-6	498.5	498-6	498-8	499.5	499 - 2	498-9	499 - 2
12	500 - 6	502.8: 500.	7 499 - 7	498 - 5	498-5	498-6	498-8	499 - 5	499 - 1	498-9	499 - 2
13	500-61	502 - 7 500 -		498 - 5	498-4	498-6	498-8	499.5	499 - 1	498 - 9	499 - 2
14	500 - 6.	502 - 5 500 -	6 499-6	498 - 5	498-4	498 - 6	498-8	499 - 5	499 - 1	498-9	499.2
15	500 - 6	502 - 5 500 -	6 499-6	498-6	498-4	498-6	498-8	499 - 4	499 - 1	498 - 9	499.2
										100	
16	500 - 6	502 - 5 500 -	5 499.5	498 - 6	498 - 4	498-7	498 - 8	499-4	499 - 1	498 - 9	499 - 1
17	500 - 7:	502 - 4 500 -	4 499.5	498-6	498-4	498-7	498-8	499 - 31	499 - 1	498 - 9	499 - 1
18	501-0	502 - 3 500 -	4 499 - 4	498-6	498-4	498 - 7	498 - 9	499-3	499-1	498-9	499 - 1
19	501 - 4	502 - 1 500 -	3 499 - 4	498-6	498 - 4	498-7	498-9	499.3	499 - 2	498 - 9	499 - 2
20	501 - 7.	502.0: 500.	2 499 4	498 - 7	498-4	498 - 7	498-9	499-3	499 - 2	498 - 9	499 - 2
							100 0	100 0	100 2	100 0	100 2
21	502 - 1	502.0 500.	1 499.3	498-7	498-4	498 - 7	498-9	499-3	499 - 1	498 - 9	499.2
22	502 - 6	501-8 500-	499-3	498 - 7	498-4	498-71	498 - 9	499-3	499.0	498 - 9	499 - 2
23	503.0	501 - 7 499 -	9 499.3	498-6	498-4	498-7	498-9	499.3	499.0	498 - 9	499.2
24	502-8	501-6 499-	9. 499-3	498 - 6	498 - 4	498-7	498-9	499-2	499.0	499 - 0	499 - 2
25	502 - 7	501.6 499.	9 499-3	498 - 5	498 - 4	498-7	499-0	499 - 2	499 - 1	499 - 0	499 - 3
								100	100	100 0	11.0
26	502.7	501.5 499.		498 - 5	498-4	498 - 7	499.0	499 - 2	499 - 1	499 - 0	499 - 4
27	502-6	501-4 499-	8 499 - 2	498.5	498 - 4	498-7	499-1	499 - 1	499 - 1	499 - 0	499-5
28	502-6	501-3 499-	8 499-1	498 - 4	498-4	498 - 7	499 - 1	499-2	499 - 1	499 - 0	499-5
29	502 - 7	501-3 499-	9 499-1	498-4	498 - 4	498-7	499 - 1	499 - 1	499.0		499 - 6
30	502.8	501 - 2 499 -	9 499 - 1	498 - 4	498-4	498 - 7	499-1	499 - 2			499-6
31		501-1		498-4		498 - 7		499 - 2			499-6
								100 2	1110		100 0

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Madawaska River at Clay Bank Bridge, for 1909-10.

July. Sept. Oct. Nov. Dec. Jan. Feb. March. Day. April. May. June Ang 266-04 264.87 $261 \cdot 38$ 261-87 $261 \cdot 87$ 260-63 260-54 260 - 79 260.96 261-04 261.04266·04 266·63 266·79 266·71 264 · 63 264 · 46 264 · 21 $261 \cdot 29 \\ 261 \cdot 21$ 261 · 87 261 · 79 261 · 79 $\begin{array}{c} 261 \cdot 79 \\ 261 \cdot 79 \\ 261 \cdot 71 \end{array}$ 260 · 63 260 · 71 260 · 71 $260 \cdot 54$ $260 \cdot 54$ 260 · 79; 260 · 87 260 · 96 260 · 96 261 · 04 261 · 04 261-04 261-04 260 - 54 260 - 87 260.88 261-46 261 - 54 264 - 04 261 - 96 260.88 266 - 96 261.04 5........... $\begin{array}{c} 261 \cdot 54 \\ 261 \cdot 54 \\ 261 \cdot 46 \\ 261 \cdot 46 \\ 261 \cdot 38 \end{array}$ 261 · 96 261 · 96 261 · 71 260 - 54 261-63 260 - 63 260.87 260.88 260.96 260.96 266-63 $263 \cdot 71$ 263 - 46 261 · 63 261 · 63 260 - 46 260 · 87 260 · 87 261·04 261·04 266.46 260.63 260.96 260.96 266.38 263 - 29 $260 \cdot 54$ 260-46 260.88 260.96 261 - 54 261.04 266 - 13 263 - 13 $260 \cdot 54$ 260 - 46 260.96 260-88 260 - 46 260-96 260 - 88 261 - 21 260 - 63 266-46 263-13 261.54266 · 54 266 · 87 266 · 96 266 · 79 $\begin{array}{c} 262 \cdot 96 \\ 262 \cdot 79 \\ 262 \cdot 63 \\ 262 \cdot 46 \end{array}$ 261.38 $261 \cdot 21$ 261.54260 · 63 260 · 54 260 · 54 260.46 $261 \cdot 04$ 260 - 88 261 - 29 261 · 38 261 · 29 261 · 29 260 - 88 261.04 261 · 21 261 · 13 261.54 261.54 $260 \cdot 46 \\ 260 \cdot 46$ 261.04 12..... 261.04 260.88 261.04 261 - 29 261 - 54 260.54 260.46 261 - 13 $260 \cdot 79$ 261.04 $261 \cdot 29$ 265 - 71 266.63 262 - 38 261 - 29 261 - 13 $261 \cdot 21$ $260 \cdot 54$ 260 - 46 261 - 13 260 - 79 261.04 261.38266.04 266 - 71 262 - 21 $261 \cdot 29$ 261.21 260.96 $260 \cdot 54$ $^{261 \cdot 13}_{261 \cdot 13}$ 265 · 87 265 · 46 265 · 87 262 · 21 262 · 04 261 · 96 261 - 29 260 · 79 260 · 96 261 · 04 260 - 79 260 - 54 260.46 $260 \cdot 79$ $260 \cdot 79$ $260 \cdot 79$ 261 · 04 261 · 04 261 · 71 261 · 79 261 · 96 261 · 46 261 · 38 260 · 71 260 · 71 260 · 54 260 · 54 260 · 46 260 · 46 261 · 04 261 · 04 266-63 266-46 261.04 19 265.96 266-38 261.96 261-46 261 - 13 260 - 63 260 - 54 260.46 261.04 260.88 261.04 261-96 $\begin{array}{c} 261 \cdot 79 \\ 261 \cdot 79 \\ 261 \cdot 63 \\ 261 \cdot 63 \\ 261 \cdot 63 \end{array}$ $\begin{array}{c} 261 \cdot 38 \\ 261 \cdot 38 \\ 261 \cdot 54 \\ 261 \cdot 54 \\ 261 \cdot 54 \end{array}$ $260 \cdot 54$ $260 \cdot 54$ 260.46 261.04 260.88 261.04 $261.71 \\ 261.79$ 266-29 266-29 261-13 260 - 63 260 - 46 261.04 260-96 261.04 266 - 21 261 · 46 261 · 38 260 - 63 266 - 63 262·04 262·04 266 - 21 260 - 54 260 - 54 260 - 46 261.04 261 · 04 261 · 04 261.04 24 25 266-96 266·04 265·87 261·38 261·46 $260 \cdot 54$ $260 \cdot 54$ $260 \cdot 54$ 260 · 46 260 · 54 $261 \cdot 13$ $261 \cdot 13$ 960.96 260 - 96 260 - 96 262 - 71 266-96 260.54 $260 \cdot 96$ 266-54 $260 \cdot 71$ $260 \cdot 54$ 260 - €3 $261 \cdot 13$ $260 \cdot 96$ 263-04 263·29 263·38 266 · 38 266 · 21 266 · 04 265·46 265·38 261 · 54 261 · 54 261 · 46 261 · 87 261 · 96 261 · 38 261 · 38 261 · 71 260 · 71 260 · 71 260 · 71 $260 \cdot 54$ $260 \cdot 54$ 260 · 71 260 · 71 260 · 79 261·04 260·96 260 · 96 260 · 96 261-04 27 28 29 261.04 265 · 29 265 · 21 261 · 96 261 · 87 261 · 87 260.96 260.96 263·54 263·71 261 - 63 260 · 54 260 · 54 260 - 79 $260\cdot 96$ 261·04 261·04 260.96 264 - 13 31..... 265-04 261 - 63

ELEVATIONS above M.S.L. of Madawaska River at Clay Bank Bridge, for 1910–11.

	1910–11.										TABLE No. 166.			
1	264 · 29 264 · 54 264 · 71 264 · 88 264 · 96	263·38 263·29 263·38 263·38 263·46	261 · 96 261 · 88 261 · 88 261 · 88 261 · 88	261 · 21 261 · 21 261 · 21 261 · 21 261 · 21	261 · 38 261 · 29 261 · 29 261 · 21 261 · 21	259 · 96 259 · 96 259 · 96 259 · 96 259 · 96	260 · 21 260 · 21 260 · 21 260 · 21 260 · 29	260 · 21 260 · 29 260 · 38 260 · 38 260 · 38	$\begin{array}{c} 266 \cdot 21 \\ 260 \cdot 21 \end{array}$	260 · 29 260 · 29 260 · 29 260 · 29 260 · 29	260 · 13 260 · 13 260 · 13 260 · 13 260 · 13	260 · 04 260 · 04 260 · 04 260 · 04 260 · 04		
6	264 · 96 264 · 88 264 · 63 264 · 63 264 · 63	$\begin{array}{c} 263 \cdot 46 \\ 263 \cdot 38 \\ 263 \cdot 29 \\ 263 \cdot 29 \\ 263 \cdot 21 \end{array}$	261 · 88 261 · 88 261 · 96 261 · 96 261 · 79	$\begin{array}{c} 261 \cdot 21 \\ 261 \cdot 21 \\ 261 \cdot 21 \\ 261 \cdot 13 \\ 261 \cdot 13 \end{array}$	$\begin{array}{c} 261 \cdot 21 \\ 261 \cdot 04 \\ 260 \cdot 71 \\ 260 \cdot 29 \\ 260 \cdot 29 \end{array}$	$\begin{array}{c} 259 \cdot 96 \\ 259 \cdot 96 \\ 260 \cdot 04 \\ 260 \cdot 04 \\ 260 \cdot 13 \end{array}$	$\begin{array}{c} 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \end{array}$	$\begin{array}{c} 260 \cdot 38 \\ 260 \cdot 21 \\ 260 \cdot 21 \\ 260 \cdot 29 \\ 260 \cdot 29 \end{array}$	$\begin{array}{c} 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \end{array}$	$\begin{array}{c} 260 \cdot 21 \\ 260 \cdot 13 \end{array}$	260 · 13 260 · 13 260 · 13 260 · 13 260 · 13	$\begin{array}{c} 260 \cdot 04 \\ 260 \cdot 04 \\ 260 \cdot 04 \\ 260 \cdot 04 \\ 260 \cdot 04 \end{array}$		
11	264 · 63 264 · 71 264 · 54 264 · 21 264 · 13	263 · 21 263 · 13 263 · 04 262 · 88 262 · 71	261 · 63 261 · 54 261 · 54 261 · 54 261 · 54	261 · 13 261 · 13 261 · 13 261 · 13 261 · 13	260 · 21 260 · 21 260 · 21	$\begin{array}{c} 260 \cdot 13 \\ 260 \cdot 21 \\ 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \end{array}$	260 · 29 260 · 29 260 · 29 260 · 29 260 · 29	$\begin{array}{c} 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \end{array}$	$\begin{array}{c} 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \end{array}$	260 · 13 260 · 13 260 · 13 260 · 13 260 · 13	260 · 13 260 · 13 260 · 13 260 · 13 260 · 13	260 · 04 260 · 04 260 · 04 260 · 04 260 · 04		
16. 17. 18. 19. 20.	264 · 04 263 · 96 263 · 79 263 · 71 263 · 71	262 · 63 262 · 54 262 · 46 262 · 46 262 · 46	261 · 54 261 · 46 261 · 46 261 · 46 261 · 46	261 · 13 261 · 13 261 · 13 261 · 13 261 · 13		260 · 29 260 · 29 260 · 29 260 · 29 260 · 29	260 · 29 260 · 29 260 · 21 260 · 21 260 · 21	$\begin{array}{c} 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \end{array}$	260 · 29 260 · 29 260 · 29 260 · 29 260 · 29	260 · 13 260 · 13 260 · 13 260 · 13 260 · 13	260 · 04 260 · 04 260 · 04 260 · 04 260 · 04	260 · 04 260 · 04 260 · 04 260 · 04 260 · 04		
21 22 23 24 25	263 · 63 263 · 54 263 · 46 263 · 38 263 · 29	262 · 46 262 · 46 262 · 46 262 · 46 262 · 46	261 · 38 261 · 29 261 · 38 261 · 38 261 · 38	261 · 21 261 · 21 261 · 21 261 · 46 261 · 46	260 · 04 260 · 04 260 · 04 260 · 04 260 · 04	260 · 29 260 · 29 260 · 29 260 · 21 260 · 21	260 · 29 260 · 29 260 · 29 260 · 29 260 · 21	260 · 29 260 · 29 260 · 29 260 · 29 260 · 21	260 · 29 260 · 29 260 · 29 260 · 29 260 · 29	260 · 21 260 · 21 260 · 21 260 · 21 260 · 21	260 · 04 260 · 04 260 · 04 260 · 04 260 · 04	260 · 04 260 · 04 260 · 04 260 · 04 260 · 04		
26. 27. 28. 29. 30.	263·46 263·46 263·46 263·46 263·46	262·38 262·38 262·21 262·13 262·04	261 · 38 261 · 29 261 · 29 261 · 29 261 · 29	261 · 46 261 · 38 261 · 38 261 · 38 261 · 38 261 · 38	259 · 96 259 · 96 259 · 96 259 · 96 259 · 96 259 · 96	260 · 21 260 · 21 260 · 21 260 · 21 260 · 21	260 · 21 260 · 21 260 · 21 260 · 21 260 · 21 260 · 21	260 · 21 260 · 21 260 · 21 260 · 21 260 · 21	$\begin{array}{c} 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 21 \\ 260 \cdot 21 \\ 260 \cdot 29 \\ 260 \cdot 29 \end{array}$	260 · 21 260 · 21 260 · 21 260 · 21 260 · 21 260 · 21 260 · 13	260 · 04 260 · 04 260 · 04	260 · 04 260 · 04 260 · 04 260 · 04 260 · 13 260 · 13		

6 GEORGE V. A. 1916

Elevations above M.S.L. of Madawaska River at Clay Bank Bridge, for 1911-12.

TA	DI	T.	No.	16
1.75	DI.	æ	INO.	104

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	260 · 13 260 · 13 260 · 13 260 · 13 260 · 13	263 · 21 263 · 21 263 · 21 263 · 13 263 · 13	262·38 262·21 262·13 262·13 262·13	261 · 96 261 · 79 261 · 79 261 · 46 261 · 46	260 · 63 260 · 63 260 · 54 260 · 54 260 · 46	260 · 29 260 · 29 260 · 29 260 · 29 260 · 29	259·88 259·88 259·88 259·88 259·88	260 · 21 260 · 21 260 · 29 260 · 29 260 · 29	260 · 46 260 · 46 260 · 46 260 · 46 260 · 46	261 · 13 261 · 13 261 · 13 261 · 13 261 · 13	260 · 96 260 · 96 260 · 96 260 · 96 260 · 96	260 · 96 260 · 96 260 · 96 260 · 96 260 · 96
6	$\begin{array}{c} 260 \cdot 21 \\ 260 \cdot 21 \\ 260 \cdot 21 \\ 260 \cdot 46 \\ 260 \cdot 71 \end{array}$	263 · 13 263 · 13 263 · 13 262 · 88 262 · 88	262 · 04 262 · 04 261 · 96 261 · 96 261 · 96	$\begin{array}{c} 261 \cdot 38 \\ 261 \cdot 38 \\ 261 \cdot 38 \\ 261 \cdot 29 \\ 261 \cdot 21 \end{array}$	$\begin{array}{c} 260 \cdot 46 \\ 260 \cdot 54 \\ 260 \cdot 54 \\ 260 \cdot 54 \\ 260 \cdot 54 \end{array}$	$\begin{array}{c} 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 21 \\ 260 \cdot 21 \\ 260 \cdot 13 \end{array}$	$\begin{array}{c} 259 \cdot 88 \\ 259 \cdot 88 \\ 259 \cdot 88 \\ 259 \cdot 88 \\ 259 \cdot 88 \end{array}$	$\begin{array}{c} 260 \cdot 29 \\ 260 \cdot 29 \end{array}$	$\begin{array}{c} 260 \cdot 46 \\ 260 \cdot 46 \\ 260 \cdot 46 \\ 260 \cdot 46 \\ 260 \cdot 46 \end{array}$	$\begin{array}{c} 261 \cdot 13 \\ 261 \cdot 13 \\ 261 \cdot 13 \\ 261 \cdot 13 \\ 261 \cdot 13 \end{array}$	260 · 96 260 · 96 260 · 96 260 · 96 260 · 96	260 · 96 260 · 88 260 · 88 260 · 88 260 · 88
11	260 · 96 261 · 21 261 · 46 261 · 88 262 · 54	262·79 262·79 262·79 262·71 262·71	$\begin{array}{c} 262 \cdot 04 \\ 262 \cdot 13 \\ 262 \cdot 21 \\ 262 \cdot 29 \\ 262 \cdot 38 \end{array}$	260 · 96 261 · 04 261 · 04 260 · 96 260 · 88	$\begin{array}{c} 260 \cdot 54 \\ 260 \cdot 54 \\ 260 \cdot 46 \\ 260 \cdot 54 \\ 260 \cdot 54 \end{array}$	260 · 04 260 · 04 259 · 96 259 · 88 259 · 88	$\begin{array}{c} 259 \cdot 96 \\ 259 \cdot 96 \\ 259 \cdot 96 \\ 259 \cdot 96 \\ 260 \cdot 04 \end{array}$	$\begin{array}{c} 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 21 \end{array}$	260 · 54 260 · 54 260 · 54 260 · 63 260 · 63	$\begin{array}{c} 261 \cdot 13 \\ 261 \cdot 13 \\ 261 \cdot 13 \\ 261 \cdot 04 \\ 261 \cdot 04 \end{array}$	260 · 96 260 · 96 260 · 96 260 · 96 260 · 96	260 · 88 260 · 88 260 · 88 260 · 88 260 · 88
16. 17. 18. 19.	263 · 21 263 · 38 263 · 46 263 · 46 263 · 38	$262 \cdot 71$ $262 \cdot 38$ $262 \cdot 38$ $262 \cdot 38$ $262 \cdot 29$	262·38 262·38 262·29 262·29 262·29	260 · 96 260 · 96 261 · 04 261 · 13 261 · 04	$\begin{array}{c} 260 \cdot 46 \\ 260 \cdot 46 \\ 260 \cdot 46 \\ 260 \cdot 46 \\ 260 \cdot 46 \end{array}$	259 · 88 259 · 88 259 · 79 259 · 71 259 · 71	$260 \cdot 04$ $260 \cdot 04$ $260 \cdot 13$ $260 \cdot 13$ $260 \cdot 13$	$\begin{array}{c} 260 \cdot 21 \\ 260 \cdot 21 \\ 260 \cdot 21 \\ 260 \cdot 29 \\ 260 \cdot 29 \end{array}$	260 · 63 260 · 63 260 · 79 260 · 87 260 · 87	$\begin{array}{c} 261 \cdot 04 \\ 261 \cdot 04 \\ 261 \cdot 04 \\ 261 \cdot 04 \\ 261 \cdot 04 \end{array}$	260 · 96 260 · 96 260 · 96 260 · 88 260 · 88	260 · 88 260 · 88 260 · 88 260 · 88 260 · 88
21	263 · 54 263 · 63 263 · 63 263 · 54 263 · 54	262·29 262·38 262·54 262·79 262·63	262 · 21 262 · 21 262 · 13 262 · 04 261 · 96	260 · 96 260 · 96 260 · 88 260 · 88 260 · 88	$260 \cdot 46$ $260 \cdot 46$ $260 \cdot 46$ $260 \cdot 38$ $260 \cdot 38$	259·71 259·63 259·63 259·88 259·96	$\begin{array}{c} 260 \cdot 13 \\ 260 \cdot 21 \\ 260 \cdot 21 \\ 260 \cdot 29 \\ 260 \cdot 29 \end{array}$	$\begin{array}{c} 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \\ 260 \cdot 29 \end{array}$	260 - 96 261 - 04 261 - 13 261 - 13 261 - 13	261 · 04 260 · 96 260 · 96 260 · 88 260 · 88	260 · 88 260 · 96 260 · 96 260 · 96 260 · 96	260 · 79 260 · 79 260 · 79 260 · 79 260 · 79
26	263 · 54 263 · 54 263 · 46 263 · 46 263 · 46	262-63 262-54 262-54 262-46 262-38 262-38	261 · 96 261 · 96 261 · 96 261 · 96 261 · 96	$\begin{array}{c} 260 \cdot 79 \\ 260 \cdot 79 \\ 260 \cdot 71 \\ 260 \cdot 71 \\ 260 \cdot 71 \\ 260 \cdot 63 \end{array}$	260 · 38 260 · 38 260 · 38 260 · 38 260 · 38 260 · 29	259 · 96 259 · 88 259 · 88 259 · 88 259 · 88	$\begin{array}{c} 269 \cdot 29 \\ 260 \cdot 21 \end{array}$	260 · 29 260 · 29 260 · 29 260 · 38 260 · 38	261 · 13 261 · 13 261 · 13 261 · 13 261 · 13 261 · 13	260 · 79 260 · 79 260 · 79 260 · 88 260 · 96 260 · 96	260-96 260-96 260-96	260·79 260·63

ELEVATIONS above M.S.L. of Madawaska River at Clay Bank Bridge, for 1912–13.

TABLE No. 168. $\begin{array}{c} 264 \cdot 88 \\ 264 \cdot 63 \\ 264 \cdot 63 \\ 264 \cdot 54 \\ 264 \cdot 46 \end{array}$ 261 · 96 261 · 88 261 · 79 261 · 63 $261 \cdot 79$ $261 \cdot 79$ $261 \cdot 71$ $261 \cdot 71$ 262.04 260.54 264-29 260.71 260-46 261 - 13 260 · 54 260 · 46 260 · 46 260·54 260·54 260 · 54 260 · 54 261 · 04 261 · 04 261 · 04 261 · 96 261 · 96 261 · 96 261 - 46 264 - 13 260.71 262.04 264 · 04 263 · 88 260 · 71 260 · 71 262·04 261·96 261-46 3..... 261 - 28 260.54 260.54 263 - 88 261-63 260.71 260-54 261 - 71 261.96 261.38 260.54 260.54 261-13 261-96 261 · 63 261 · 46 261 · 38 260 - 54 $263 \cdot 88$ $263 \cdot 79$ $263 \cdot 71$ 264 - 38 260.71 $260 \cdot 54$ $260 \cdot 54$ $260 \cdot 54$ 260.54 260.54261-21 $262 \cdot 38$ $262 \cdot 46$ $262 \cdot 46$ 261 - 71 261 · 96 261 · 96 $261 \cdot 46$ $261 \cdot 54$ 260.88 $\begin{array}{c} 264 \cdot 29 \\ 264 \cdot 21 \\ 263 \cdot 79 \end{array}$ 260 - 63 261.38 $261.79 \\ 261.79$ 261 - 21 260 - 54 260-46 261·54 261·71 8..... 262·54 262·54 261 · 63 261 · 88 261.71 $263 \cdot 54$ 260.46 $260 \cdot 54$ $260 \cdot 46$ $261 \cdot 79$ 9...... $261 \cdot 29$ 261.88 262.04 263.38 263.96 260.46 260 - 54 260-46 261.71 $261 \cdot 79$ $\begin{array}{c} 263 \cdot 79 \\ 263 \cdot 71 \\ 263 \cdot 54 \\ 263 \cdot 46 \end{array}$ 262-38 261.21 260-63 260 - 54 260.46 261 - 79 262.54 261 - 79 261 - 71 262-13 12..... 262·71 262·88 263 - 29 261 · 21 261 · 21 261 · 21 $260 \cdot 54$ 260 · 54 260 · 54 260·46 260·46 261.88 262.04 262·54 262·63 262·63 $261 \cdot 71$ $261 \cdot 71$ $261 \cdot 71$ $261 \cdot 71$ $261 \cdot 71$ $261 \cdot 71$ 262·29 262·46 263 · 38 263 · 38 260 · 54 260 · 54 13..... 263-04 260 - 54 260 - 46 262-13 261 - 21 263 - 21 $261 \cdot 13$ $261 \cdot 13$ $261 \cdot 04$ 260-46 261-71 264-04 263-38 260-63 260-46 262-29 262-29 261.71 262-96 264 · 79 265 · 71 266 · 38 263 - 46 263 - 04 260 - 46 $262 \cdot 54$ $262 \cdot 54$ $261 \cdot 71 \\ 261 \cdot 71$ 260 - 54 260.46 262 - 29 262·88 262·79 262·79 263-54 260 - 54 260 - 46 260 - 46 261.88 263-71 263 - 71 260.96 260 - 54 260-46 260-46 262 - 38 262 - 46 261 - 88 266 - 71 263 - 79 260 - 96 260 - 54 260.46 260 - 46 262 - 13 262 - 46 261 - 54 $264 \cdot 29$ 20..... $262 \cdot 71$ $262 \cdot 63$ $262 \cdot 54$ $262 \cdot 46$ 266.79 263-96 260-96 260.54 260-46 260 - 46 262.04 262-46 261.88 261.46 264-63 22..... 266 - 96 $\begin{array}{c} 264 \cdot 13 \\ 264 \cdot 21 \\ 264 \cdot 29 \end{array}$ 260 · 96 260 · 88 $260 \cdot 54$ $260 \cdot 54$ 260 · 46 260 · 46 260.46 262·04 261·96 262·46 262·46 261 - 96 261 - 46 23 24 267·13 267·13 260 - 46 261-46 261 - 96 267-13 $264 \cdot 29$ 262-38 260.88 $260 \cdot 46$ $260 \cdot 46$ $260 \cdot 54$ 261.96 261-96 267 - 21 262.04 267-21 262 - 29 260.79 260-46 267 · 29 266 · 54 265 · 79 264 · 54 264-38 262·29 262·29 262·21 260 - 79 260 - 46 260 - 46 260 - 71 262.04 266 - 79 260 · 71 260 · 71 260 · 71 261.96 266-46 266-38 28.... 264 · 54 264 · 71 260 - 46 260 · 46 260 · 46 260 · 88 261 · 04 261 · 13 262·04 262·04 261.96 $261 \cdot 29$ 261-96 260.46 261.88 262-13 260 - 54 260 - 46 261-88 260 - 71 264 - 88 260 - 46 261 - 13 261-96 267.04

263.03

21

260.95 260 - 45 260 - 12 260 - 12 260 - 28 260 - 53

Elevations above M.S.L. of Madawaska River at Clay Bank Bridge, for 1913-14.

TABLE No. 169

260 - 45

260 - 53

260 - 87

260 - 87

										1.7	IDLE N	0. 109.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	265 · 28 265 · 12 265 · 45 265 · 70 265 · 37	265·12 265·03 264·95 264·78 264·37	261 · 45 261 · 45 261 · 53 261 · 62 261 · 62	260 · 70 260 · 70 260 · 62 260 · 62 260 · 53	260 · 28 260 · 28 260 · 20 260 · 20 260 · 20	259 · 95 259 · 95 259 · 95 259 · 95 259 · 95	259 · 95 259 · 95 259 · 95 259 · 95 259 · 95	259 · 95 260 · 03 260 · 03 260 · 03 260 · 03	260 · 62 260 · 62 260 · 70 260 · 70 260 · 70	260 · 70 260 · 62 260 · 62 260 · 62 260 · 62	260 · 70 260 · 70 260 · 70 260 · 70 260 · 70	260 · 95 260 · 95 260 · 87 260 · 87 260 · 87
6	265 · 70 265 · 70 265 · 62 265 · 62 265 · 62	264 · 20 263 · 87 263 · 78 263 · 70 263 · 70	261 · 62 261 · 70 261 · 62 261 · 53 261 · 45	$260 \cdot 53$	$\begin{array}{c} 260 \cdot 20 \\ 260 \cdot 20 \\ 260 \cdot 20 \\ 260 \cdot 20 \\ 260 \cdot 12 \end{array}$	259 · 95 259 · 95 259 · 95 259 · 95 259 · 95	259 · 95 259 · 95 259 · 95 259 · 95 259 · 95	$\begin{array}{c} 260 \cdot 03 \\ 260 \cdot 12 \\ 260 \cdot 12 \\ 260 \cdot 12 \\ 260 \cdot 20 \end{array}$	260 · 70 260 · 70 260 · 70 260 · 70 260 · 70	260 · 62 260 · 62 260 · 62 260 · 62 260 · 62	260 · 70 260 · 70 260 · 70 260 · 62 260 · 62	260 · 87 260 · 87 260 · 78 260 · 78 260 · 78
11 12 13 14 15	265 · 53 265 · 53 266 · 12 266 · 12 266 · 12	263 · 45 263 · 45 263 · 28 263 · 12 262 · 95	261 · 45 261 · 37 261 · 20 261 · 12 261 · 12	260 · 53 260 · 53 260 · 53 260 · 53 260 · 53	$260 \cdot 12$ $260 \cdot 12$ $260 \cdot 03$ $260 \cdot 03$ $260 \cdot 03$	259 · 95 259 · 95 259 · 95 259 · 95 259 · 95	259 · 95 259 · 95 259 · 95 259 · 95 259 · 95	$260 \cdot 20$ $260 \cdot 28$ $260 \cdot 28$ $260 \cdot 37$ $260 \cdot 37$	260 · 78 260 · 78 260 · 78 260 · 78 260 · 78	260 · 62 260 · 62 260 · 53 260 · 53 260 · 53	260 · 62 260 · 62 260 · 62 260 · 62 260 · 70	260 · 70 260 · 70 260 · 70 260 · 70 260 · 70
16	266 · 20 266 · 20 266 · 20 266 · 20 266 · 03	262 · 78 262 · 70 262 · 62 262 · 53 262 · 53	$\begin{array}{c} 261 \cdot 12 \\ 261 \cdot 12 \end{array}$	$\begin{array}{c} 260 \cdot 53 \\ 260 \cdot 53 \\ 260 \cdot 53 \\ 260 \cdot 53 \\ 260 \cdot 53 \end{array}$	260 · 03 260 · 03 260 · 03 260 · 03 260 · 03	259 · 95 259 · 95 259 · 95 259 · 95 259 · 95	259 · 95 259 · 95 259 · 95 259 · 95 259 · 95	260 · 37 260 · 45 260 · 45 260 · 45 260 · 53	260 · 78 260 · 78 260 · 78 260 · 78 260 · 78	260 · 53 260 · 53 260 · 53 260 · 53 260 · 53	260 · 70 260 · 70 260 · 78 260 · 78 260 · 87	260 · 70 260 · 62 260 · 62 260 · 62 260 · 53
21 22 23 24 25	265 · 95 265 · 78 265 · 62 265 · 53 265 · 53	262 · 45 262 · 37 262 · 37 262 · 28 262 · 12	$261 \cdot 12$ $261 \cdot 12$ $261 \cdot 03$ $261 \cdot 03$ $261 \cdot 03$	$\begin{array}{c} 260 \cdot 53 \\ 260 \cdot 53 \\ 260 \cdot 53 \\ 260 \cdot 53 \\ 260 \cdot 45 \end{array}$	260 · 03 260 · 03 260 · 03 260 · 03 260 · 03	259 · 95 259 · 95 259 · 95 259 · 95 259 · 95	259 · 95 259 · 95 259 · 95 259 · 95 259 · 95	260 · 53 260 · 62 260 · 62 260 · 62 260 · 62	260 · 87 260 · 87 260 · 87 260 · 87 260 · 95	260 · 53 260 · 53 260 · 53 260 · 53 260 · 62	260 · 87 260 · 87 260 · 87 260 · 87 260 · 87	260 · 53 260 · 53 260 · 53 260 · 62 260 · 62
26 27 28 29 30 31	265·53 265·37 265·20 265·20 265·20	261 · 95 261 · 78 261 · 87 261 · 53 261 · 53 261 · 45	260 · 95 260 · 95 260 · 87 260 · 78 260 · 70	260 · 45 260 · 45 260 · 45 260 · 37 260 · 37 260 · 37	260·03 259·95 259·95 259·95 259·95 259·95	259·95 259·95 259·95 259·95 259·95	259·95 259·95 259·95 259·95 259·95 259·95	260 · 62 260 · 62 260 · 62 260 · 62 260 · 62	260 · 95 260 · 95 260 · 87 260 · 87 260 · 78 260 · 70	260 · 62 260 · 70 260 · 70 260 · 70 260 · 70 260 · 70	260 · 87 260 · 95 260 · 95	260 · 70 260 · 78 260 · 70 260 · 78 260 · 87 260 · 95

Elevations above M.S.L. of Madawaska River at Clay Bank Bridge, for 1914-15.

TABLE No. 170. $\begin{array}{c} 261 \cdot 53 \\ 261 \cdot 45 \\ 261 \cdot 45 \\ 261 \cdot 37 \\ 261 \cdot 37 \end{array}$ $261 \cdot 12 \\ 261 \cdot 28$ 263-03 260 - 95 260 - 45 260-12 260-12 260 - 20 ' 260 - 62 260 - 70 260 - 53 263-12 260 - 37 260 - 12 260 - 12 260 · 78 260 · 78 260 · 78 260 - 20 260.62 260-62 260 - 62 261 · 45 261 · 70 261 · 62 263 · 12 263 · 12 260 · 95 260 · 95 260·37 260·37 260·12 260·12 260·12 260·12 260-20 260 - 62 260.53 260 - 62 260 · 62 260 · 70 260.28 260.53 260-62 262-87 260 - 95 260.37 260-12 260 - 12 260 - 28 260 - 70 260 - 78 260 - 53 $\begin{array}{c} 261\cdot53 \\ 261\cdot53 \\ 261\cdot53 \\ 261\cdot53 \\ 261\cdot45 \end{array}$ 260 · 70 260 · 70 260 · 70 260 · 70 262-87 $261 \cdot 28$ 260.95 260.37 260.12 $260 \cdot 12$ 260.28 $260 \cdot 70$ $260 \cdot 62$ 260.78 260 · 70 260 · 70 260 · 70 260 · 70 260 · 70 262·87 263·12 $261 \cdot 28$ $261 \cdot 20$ $261 \cdot 20$ 260 · 12 260 · 12 260·12 260·12 260 - 28 260 - 95 260 - 28 $260 \cdot 70$ 260·78 260·78 260 - 95 260 - 28 260 - 28 260 - 53 263-12 260 - 95 $260 \cdot 28$ 260 - 12 $260 \cdot 12$ 260.28 260 - 53 260.78 10..... 261 - 20 260 - 12 260.70 263.03 260.05 $260 \cdot 28$ 260 - 12 260 - 28 260 - 53 260 - 70 263-03 260.95 260 - 28 260 - 12 260 - 28 260.70 260.62 260.70 260.70 12..... 13..... 261 · 45 261 · 53 261 · 53 262 · 95 262 · 95 262 · 95 261 · 12 261 · 12 261 · 12 260 · 87 260 · 87 260 · 78 260 · 28 260 · 20 260 · 20 260·12 260·12 260 · 12 260 · 12 260 - 28 260 · 70 260 · 70 260 - 62 260·70 260·62 260·70 260·70 260 · 28 260 · 28 260 - 62 260 - 12 260 - 12 260-62 260-62 260-62 260.70 261-53 262-87 260.78 260 - 12 261 - 53 262-87 261-12 260 - 78 260 - 12 260 - 12 260-62 260.70 260 - 12 260 - 37 260 - 62 260 - 62 261 · 53 261 · 45 262 · 28 262 · 62 262·78 262·70 260 · 78 260 · 78 260 · 78 260 · 78 260 · 70 260 · 12 260 · 20 260-37 260 - 12 260 - 12 260-53 260 - 62 260 - 62 260.70 261 · 03 261 · 03 261 · 03 260 · 12 260 · 12 260 · 12 260 · 12 260 - 37 260.53 260.62 260 - 53 260.62 260 · 20 260 · 20 260-37 262 - 62 260.52 260.62 260 · 53 260 · 53 260.69 262 - 53 260 - 12 260 - 12 260 - 37 260-62 20 260 - 62 260 - 62 262 - 87 21 262.45 261.03 260.70 260-12 260-12 260 · 20 260 · 20 260 - 62 260-62 260-62 $260 \cdot 37$ 260 - 62 260.62 262 - 95 262·37 262·12 261 · 03 261 · 03 260.37 260 - 62 260 - 12 260 - 12 260 - 62 260 - 62 263 - 20 260 - 62 260-12 260 - 12 260 - 20 260-37 260 - 53 260 - 62 260 - 78 260 - 62 260 - 12 263 - 12 260 - 95 260 - 62 260 - 12 260 - 20 260 - 37 260.62 260.53 260 - 62 260 - 70 263.03 261.95 260 - 95 260 - 53 260.12 260 - 12 $260 \cdot 20$ 260.37 260.62 260 - 53 260.62 260 - 78 $\begin{array}{c} 261\cdot87 \\ 261\cdot78 \\ 261\cdot78 \\ 261\cdot78 \\ 261\cdot70 \\ 261\cdot62 \end{array}$ 260 - 12 260.12 260.53 27..... 28..... 263.03 260 · 95 260 · 95 260·53 260·45 $260 \cdot 12$ $260 \cdot 12$ 260 · 12 260 · 12 260 · 12 260 · 20 260 · 28 260 · 45 260 · 53 260 · 53 260.62 260 · 53 260 · 53 260-70 260 · 78 260 · 87 263.03 260 - 62 260 - 62 260.45 260 - 12 260 - 28 260 · 70 260 · 70 260 · 70 260-45

260 - 12

260 - 45

260 · 28

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Fitzroy Harbour, for 1905.

TABLE No. 171.

					191 - 73	190 - 23 190 - 23 190 - 03
					191-73	190 - 23 190 - 23 190 - 03
					191-73	190 · 23
					191-73	190 · 23
					191-73	190 - 0
					191-73	190-2
					191-73	190 - 0
					191-73	190-0
					191-73	190-0
					191-73	190-0
					191 - 73	189 - 9
						190-
					191 - 13	
					189-93	
					190 - 43	
						100
						190-
						191

Elevations above M.S.L. of Ottawa River at Fitzroy Harbour, for 1905-06.

TABLE No. 172.

								TAI	SLE N	0. 1/2.
1. 22 33 192-23 4 192-43 5 192-73	192.33 19 192.53 19 192.83 19	4·33 192·73 4·23 192·63 4·23 192·53 4·23 192·43 4·16 192·33	191 · 93 191 · 93 191 · 93 191 · 83 191 · 83	191 · 03 191 · 03 191 · 13 191 · 03 191 · 03	191 · 03 191 · 03 191 · 03 190 · 93 190 · 93	191 · 33 191 · 23 191 · 03 190 · 93 191 · 03	190·93 190·93 190·93 190·93 190·93	190 · 73 190 · 63 190 · 63		
6. 193·03 7. 8 193·43 9 193·43 10 193·43	193 · 33 19 193 · 63 19 193 · 63 19	4·03 192·23 4·03 192·13 3·93 192·03 3·93 191·93 3·93 191·93	191·73 191·73 191·73	191 · 03 191 · 13 191 · 13 191 · 13 191 · 13	190 · 83 190 · 83 190 · 83 190 · 83 190 · 83	191 · 03 191 · 03 190 · 93 190 · 93 190 · 83	$\begin{array}{c} 190 \cdot 93 \\ 190 \cdot 83 \\ 190 \cdot 83 \\ 190 \cdot 73 \\ 190 \cdot 73 \end{array}$	190 - 43		
11 193·33 12 193·23 13 193·23 14 193·23 15 193·23	194 · 43 19 194 · 43 19 194 · 43 19	3.93 191.93 3.93 191.83 3.93 191.83 3.93 191.83 3.93 191.83	191 · 53 191 · 43 191 · 33	191 · 13 191 · 03 191 · 03 191 · 13 191 · 13	190 · 83 190 · 73 190 · 73 190 · 73 190 · 73	190 · 83 190 · 83 190 · 73 190 · 83 190 · 93	190 · 73 190 · 63 190 · 63 190 · 63 190 · 63	190 - 23		
16. 192-93 17. 192-73 18 192-63 19. 192-53 20. 192-43	194 · 63 19 194 · 63 19 194 · 73 19	3.93 191.83 4.03 191.83 4.03 191.83 4.03 191.83 4.08 191.73	191·23 191·23 191·23	191 · 13 191 · 23 191 · 23 191 · 33 191 · 43	190 · 73 190 · 83 190 · 93 190 · 93 191 · 03	190 · 93 190 · 93 190 · 93 190 · 93 190 · 93	190 · 53 190 · 53 190 · 43 190 · 43 190 · 33	190 · 13 · 190 · 13 · 190 · 13 · 190 · 03 · 190 · 03 · .		
21 192·33 22 23 192·23 24 192·13 25 192·03	194 · 93 19 194 · 93 19 194 · 83 19	3·83 191·73 3·63 191·83 3·43 191·83 3·33 191·73 3·23 191·63	191 · 13 191 · 03 190 · 93	191 · 53 191 · 53 191 · 63 191 · 43 191 · 23	191 · 13 191 · 23 191 · 33 191 · 43 191 · 53	190 · 93 190 · 93 191 · 03 191 · 03 191 · 13	190 · 23 190 · 13 190 · 13 190 · 13 190 · 13	190 · 23 . 190 · 53 .		
26. 192-03 27. 191-96 28. 192-03 29. 192-13 30. 192-13	194 · 63 19 194 · 53 19 194 · 53 19	3·13 191·63 3·03 191·73 2·96 191·83 2·83 191·93 2·73 192·03 192·03	190 · 83 190 · 93 190 · 93 191 · 03	191 · 13 191 · 13 191 · 13 191 · 13 191 · 13	191 · 63 191 · 83 191 · 83 191 · 73 191 · 63 191 · 43	191 · 13 191 · 13 191 · 13 191 · 13 191 · 03	190 - 33	191·73 191·73		

ELEVATIONS above M.S.L. of Ottawa River at Fitzroy Harbour, for 1906.

CARLE No. 17

						-				A 27	DLE A	0. 175.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1		194 · 23 194 · 23 194 · 23 194 · 43 194 · 43	195 · 23 195 · 23 195 · 23 195 · 13 195 · 13	194 · 63 194 · 43 194 · 33 194 · 23 194 · 03	191·43 191·43 191·43 191·43 191·23	189 · 93 190 · 03 190 · 03 190 · 03 189 · 93	189 · 43 189 · 43 189 · 43 189 · 53 189 · 53	189 · 73 189 · 73 189 · 73 189 · 83	190 · 33 190 · 33 190 · 33 190 · 33 190 · 23			
6		194 · 83 194 · 93 195 · 13 195 · 23 195 · 23	194 · 93 194 · 93 194 · 83 194 · 83 195 · 03	193 · 93 193 · 83 193 · 73 193 · 53 193 · 43	191 · 23 191 · 13 191 · 03 191 · 03 191 · 03	190 · 03 190 · 03 190 · 03 190 · 03 190 · 03	189 · 63 189 · 53 189 · 53 189 · 53 189 · 43	189-83 189-93 189-93 190-03 190-03	190 · 23 190 · 23 190 · 23 190 · 23 190 · 23			
11		195 · 43 195 · 53 195 · 73 195 · 83 195 · 93	195 · 23 195 · 33 195 · 43 195 · 43 195 · 43	$\begin{array}{c} 193 \cdot 23 \\ 193 \cdot 13 \\ 192 \cdot 93 \\ 192 \cdot 93 \\ 192 \cdot 83 \end{array}$	191·03 190·93 190·93 190·83 190·83	190 · 03 189 · 93 189 · 93 189 · 83 189 · 73	189 · 43 189 · 43 189 · 43 189 · 43 189 · 43	190 · 13 190 · 13 190 · 13 190 · 23 190 · 23	190 · 23 190 · 13 190 · 13 190 · 13 190 · 13			
16		195 · 93 196 · 03 196 · 03 196 · 03 195 · 93	195 · 43 195 · 43 195 · 43 195 · 33 195 · 33	192 · 73 192 · 53 192 · 43 192 · 33 192 · 13	190 · 73 190 · 73 190 · 73 190 · 73 190 · 73	189 · 73 189 · 73 189 · 63 189 · 63 189 · 53	189 · 53 189 · 53 189 · 53 189 · 53 189 · 53	190 · 23 190 · 23 190 · 13 190 · 13 190 · 13	190 · 23 190 · 23			
21 22 23 24 25	192 · 73 193 · 23 193 · 43 193 · 63 193 · 93	195 · 83 195 · 83 195 · 83 195 · 63 195 · 63	$\begin{array}{c} 195 \cdot 33 \\ 195 \cdot 23 \\ 195 \cdot 23 \\ 195 \cdot 23 \\ 195 \cdot 23 \\ \end{array}$	192 · 13 192 · 03 192 · 03 191 · 93 191 · 83	190 · 73 190 · 63 190 · 63 190 · 63 190 · 63	189 · 53 189 · 43 189 · 43 189 · 43 189 · 43	189 · 63 189 · 73 189 · 73 189 · 73 189 · 83	190 · 13 190 · 03 190 · 13 190 · 13 190 · 23	190 · 13 190 · 13			
26 27 28 29 30 31		195 · 63 195 · 53 195 · 53 195 · 53 195 · 43 195 · 23	195 · 23 195 · 13 195 · 13 194 · 93 194 · 83	191 · 63 191 · 53 191 · 53 191 · 53 191 · 53 191 · 53	190 · 63 190 · 43 190 · 43 190 · 33 190 · 22 190 · 13	189 · 43 189 · 43 189 · 43 189 · 43 189 · 43	189-83 189-83 189-73 189-73 189-73 189-73	190 · 23 190 · 23 190 · 33 190 · 33 190 · 33	190 · 03 189 · 93 189 · 93 189 · 93			

ELEVATIONS above M.S.L. of Ottawa River at Quyon, for 1914-15.

ABLE No. 1/4.

192 · 92 192 · 87 193 · 02		189·52 18 189·58 18
192 · 97 192 · 95		189·52 18 189·52 18 189·55 189·58 18
192.72		189·53 18 189·61 189·51 18 189·57 189·51 18 189·56 189·52 18 189·57 189·60 18
		189·57 189·55 18
		189 · 54 18 189 · 50 19
193 · 40 193 · 30 193 · 25 193 · 20		189·60 189·71 19 189·56 189·72 19 189·54 189·76 19 189·51 18

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Britannia Bay, for 1901–02.

TABLE No. 175.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1				192 · 43	191 - 22			190·55 190·43 190·51 190·55	190-68 190-59 190-47 190-43			
6					190.97		189-64		190·39 190·34 190·34	190 - 80		190.80
11 12 13 14 15				191 - 76	190.89	190 - 14			190·30 190·26 190·26 190·30	190·84 190·72 190·68		191 - 72
16				191 - 55	190 - 59		189-64		190 · 84 190 · 80 190 · 80 190 · 80 190 · 80	190 · 64 190 · 56	190 - 11	192.39
21				191·30 191·22		189 - 97	189·91 190·18		190.89		190-11	192 · 47 191 · 89 192 · 05
26 27. 28. 29. 30.							190 · 47 190 · 51 190 · 51 190 · 55 190 · 57	190 - 64 190 - 97	191.09	190-43		192.05 192.05 192.64 192.89

Elevations above M.S.L. of Ottawa River at Britannia Bay, for 1902-03.

TABLE No. 176.

1 193·30 2 193·46 3 4 193·72 5 193·30	194.39	102.05 100.80	191-30 190-22 190-89
7	192.89 194.20	190-65	191·39 191·39 192·97
15	195-10 192-80	190-97	191-23 191-89
17	195.06	191-73 191-13 191-22	192-64 192-21 190-80 192-55
22	194-11 192-47	191-39	192·30 192·93 193·05 190·42 193·56 190·42 193·58
27. 194·05 28 29. 194·14 30.	194 · 52	191-01	190-39 194-05 191-56 194-05

TABLE No. 177.

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Britannia Bay, for 1903-04.

July. Sept. Oct. Nov. Feb. Day. April. May. June. Aug. Dec. Jan. March. 190 - 14 194 - 14 191-39 190-64 189 - 60 189 · 56 189 · 56 191 - 56 193 - 89 190 - 64 190 - 14 193 - 35 194 - 47 192 - 26 191.44 190 · 52 190 · 52 190.09 193.81 191.35 189-51 191.31 189 - 56 193.89 191 - 18 190.09 189-56 193.56 190 - 48 191-35 191-31 190.48 189-45 193 - 64 193-56 192 - 14 189-56 193.72 191 - 32 193-47 190 - 56 189 - 56 192-81 190.05 189 44 191.02 191-35 190 - 48 193.89 193 - 97 189-64 191.56 190.01 189 - 39 190 - 48 191-39 193.85 193.05 192.02 193.78 190.48 189.51 189-29 191-64 190.01 193-81 193 - 47 191.80 189-51 189 - 35 193 - 81 190 - 89 191 - 84 191·27 191·22 190 - 31 189-97 194 - 72 189 - 97 189-51 189 - 39 $191 \cdot 80$ 191.72 191-02 191·18 191·14 190-23 189 - 97 189-44 189 - 93 193.72 192-39 191.06 191.89 189-44 189 - 44 194 - 68 191.06 189 - 93 $191 \cdot 80$ 191 - 10 193 - 39 191 - 10 191.84 190.89 189.89 189-35 189-44 21 22 23 24 25 190 · 23 190 · 22 191-47 189 - 39 103-64 190.89 189·85 189·85 189 - 56 190 - 89 194 - 64 193 - 51 189.51 193 - 56 191-25 191.51 190 - 89 190 - 22 189.81 189-44 191-93 190 - 89 189.73 189-51 189.71 194 - 48 193 - 72 191 - 55 190 - 14 189-56 189 - 89 28 28 29 30 189.56 193.47 190.81 189.64 190 - 14 190-14 $190 \cdot 73$ 189-62 190 - 27 193-39 193.80 191.22 189-62 190 - 39 189 - 60 190 - 48

ELEVATIONS above M.S.L. of Ottawa River at Britannia Bay, for 1904-05.

			17	ADLE: NO. 178.
1	190·64	196·79 194·89 192· 196·85 194·89 192· 196·93 194·72 192· 196·93 194·64 191· 196·97 194·56 191·	22 190·93 190·97 10 93 191·02	
6	$\begin{array}{cccc} 192 \cdot 14 & 196 \cdot 33 \\ 192 \cdot 35 & 196 \cdot 52 \\ 192 \cdot 39 & 196 \cdot 64 \\ 192 \cdot 68 & 196 \cdot 68 \\ 193 \cdot 31 & 196 \cdot 72 \\ \end{array}$	197·01 194·39 196·99 194·35 191· 197·04 194·31 191· 197·06 194·02 191· 197·18 193·89 191·	72	189·92 189·59
11. 12. 13. 14. 15.	193 · 43 196 · 77 193 · 47 196 · 72 193 · 60	197 · 27 193 · 89 191 · 197 · 33 191 · 197 · 27 193 · 72 191 · 197 · 14 193 · 60 191 · 196 · 99	31 191-14 191-10 190-39 27 191-06 191-97	189-89 189-55
16	193 · 97	196·93 193·52 191· 196·72 196·52 193·39 191· 193·31 191· 193·18 191·	18 190·97 191·76 190·97 18 190·97 190·95 190·89 190·35	189-85 189-47
21	193 · 27 196 · 81 193 · 18 192 · 86 196 · 77 193 · 18 196 · 77 193 · 18 196 · 68	196·06 193·10 192·97 191· 195·81 193·05 191· 195·64 191· 195·52 192·81 191·	14 190-97 191-60 191-02 190-93 10 190-29 10 191-14	189-69 189-47
26. 27. 28. 29. 30.	196 · 64	195 · 22 192 · 31 191 · 1 195 · 14 192 · 22 190 · 1	06	189-72 189-82

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Britannia Bay, for 1905-06. Table No. 179.

											ibili .	0. 170.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1		192 · 12 192 · 29 192 · 27 192 · 47 192 · 62	193 · 97 193 · 92 193 · 77 193 · 72	192 · 47 192 · 27 192 · 17	191 · 97 191 · 92 191 · 87 191 · 82 191 · 77	191·17 191·17	191 · 17 191 · 07 191 · 02 190 · 97	191 · 67 191 · 27 191 · 07 191 · 02	191·37 191·36 191·13 190·97	190-77		191·02 190·97 190·95
6	192 · 77 192 · 87 192 · 87 192 · 97	192 · 82 193 · 07 193 · 37 193 · 47	193 · 67 193 · 57 193 · 67 193 · 62 193 · 62	192.07 191.97 191.97	191 · 62 191 · 47 191 · 42	191 · 27 191 · 25 191 · 22 191 · 22	190 · 92 190 · 87 190 · 88 190 · 77	191·07 190·97 190·97 190·97 190·95	190 · 87 190 · 84 190 · 83 190 · 80	190 · 62 190 · 62 190 · 57 190 · 47	191 · 47 191 · 37 191 · 28 191 · 22 191 · 20	190 · 85 190 · 80 190 · 77 190 · 77 190 · 72
11	192 · 97 193 · 07 192 · 97 192 · 97 192 · 97	193 · 62 193 · 97 194 · 07	193 · 62 193 · 57 193 · 57 193 · 57	191.87 191.77 191.77 191.77 191.77	191·37 191·47 191·27	191 · 27 191 · 17 191 · 22 191 · 17 191 · 07	190 · 67 190 · 85 190 · 82 190 · 82	190 · 96 191 · 07 191 · 07 190 · 97	190 · 87 190 · 77 190 · 69 190 · 67 190 · 62	190 · 44 190 · 44 190 · 45 190 · 51 190 · 52	191 · 17 191 · 15 191 · 05 190 · 94	190 · 70 190 · 66 190 · 59 190 · 58
16 17 18 19:	193.07 192.67 192.57 192.57	194 - 12 194 - 37 194 - 37	193 · 57 193 · 57 193 · 57 193 · 57	191 - 77 191 - 77 191 - 77 191 - 72	191-37 191-27 191-17 191-07	191 · 07 191 · 32 191 · 47 191 · 62	190 · 95 190 · 92 190 · 97 191 · 07	190 · 97 191 · 02 190 · 97	190 · 87 190 · 65 190 · 58 190 · 55	$\begin{array}{c} 190 \cdot 47 \\ 190 \cdot 45 \\ 190 \cdot 45 \\ 190 \cdot 45 \\ 190 \cdot 45 \end{array}$	190 · 76 190 · 80 190 · 86 190 · 78	190·55 190·52 190·54 190·48
21 22 23 24 25	192 · 47 192 · 37 192 · 27 192 · 22	194 - 47 194 - 47 194 - 27	193 · 52 193 · 37 193 · 27 193 · 07	191 · 72 191 · 67 191 · 77 191 · 67	191 · 12 191 · 02 190 · 99 191 · 02 191 · 02	191 · 47 191 · 52 191 · 47 191 · 47 191 · 57	191 · 12 191 · 45 191 · 57 191 · 62	190 · 97 190 · 97 190 · 92 190 · 92 190 · 89	190·56 190·57 190·55	190 · 49 190 · 86 191 · 47 191 · 75	190 · 78 190 · 96 190 · 97 190 · 97	190 · 42 190 · 39 190 · 36 190 · 28
26. 27. 28. 29. 30. 31.		194 · 27 194 · 17 194 · 17 194 · 07 194 · 02	192 · 97 192 · 97 192 · 77 192 · 62 192 · 52	191.72 191.67 191.67 191.67	191 · 02 191 · 12 191 · 12 191 · 12 191 · 12	191 · 32 191 · 22 191 · 17 191 · 15 191 · 15	191 · 72 191 · 77 191 · 72 191 · 62	190 · 97 190 · 92 190 · 92 190 · 97	190 · 64 190 · 54 190 · 49 190 · 55 190 · 58	191 · 77 191 · 67 191 · 84 191 · 77 191 · 77	191 · 26 191 · 17 191 · 09	190 · 34 190 · 52 190 · 77 190 · 78 190 · 95 190 · 97

ELEVATIONS above M.S.L. of Ottawa River at Britannia Bay, for 1906.

TABLE No. 180. 193 · 77 193 · 79 193 · 87 194.77 191·45 191·39 190 - 24 189 · 82 189 · 75 190 - 45 191-12 194 - 76 190.00 193-48 190.03 190 - 45 191 - 17 193 · 97 194 · 27 194 - 65 193 · 92 193 · 78 $191 \cdot 29$ 190 · 35 190 · 22 191.27 194.52 190-18 190 - 34 194 · 51 194 · 39 194 · 39 194 · 72 $191 \cdot 22$ $191 \cdot 20$ $191 \cdot 15$ $191 \cdot 17$ 193-67 189.71 194 - 47 191-44 190 - 11 $190 \cdot 22$ 190.32 189 - 78 190 · 10 189 · 99 190.04 191-67 193-42 194.82 194-67 193 - 17 190.98 190 - 14 190 - 12 190.32 191 - 87 194 - 82 194 - 77 193-05 190.95 190.02 189-67 189-59 194 - 97 194 · 82 194 · 87 192 · 92 192 · 82 190 - 33 190 - 22 191.09 190 · 27 190 · 26 190 · 16 195 · 17 195 · 17 191.87 194 · 82 194 · 87 192.72 191.02 189 - 96 190 - 19 190 - 95 189-77 195 - 26 16 192.07 192.07 192.17194-82 192.58 190.88 190 · 25 190 · 24 195 - 27 194 · 82 194 · 87 192 · 47 192 · 32 190 · 87 190 · 78 189-89 189 - 68 190 - 29 194 · 82 194 · 77 189-59 190 - 35 195-27 192 - 12 190 - 77 190 - 34 190 - 13 192.67 195 - 22 $194 \cdot 77$ 192.00 190 - 75 189-72 190 · 22 190 · 22 191-99 195 - 12 $194 \cdot 65$ 190-67 189 · 90 189 · 78 195.02 189-84 191.85 $190 \cdot 59$ 190 - 15 194 - 66 191.75 190.51 193·77 193·87 191 · 65 191 · 59 195-02 194 - 57 180.58 $189 \cdot 86 \\ 189 \cdot 78$ 194 · 52 194 · 45 190 · 39 190 · 40 194.97 190 - 56 190.07 194-96 190 - 45 194 - 87 194 - 85 194 · 44 194 · 35 190 - 36 190 - 12 190.03 191.59 100.34 189 - 95 190.37 190 - 32

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Britannia Bay, for 1908.

Table No. 181.

16 1197-37 1197-37 1197-37 119 1197-37 119 1197-37 119 1197-37 119 1197-37 119	Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
2 196-57 196-57 196-57 196-57 196-57 196-57 196-57 196-57 196-57 196-57 196-57 196-77				196 - 47									
4 195-97 196-67 196-67 196-77 196-77 195-97 196-77 195-97 196-77 195-97 196-77 195-97 196-77 195-97 196-77 195-97 196-67 197-27													
5 195-97 196-77													
6 195-87 196-77 7 196-77 7 196-87 196-77 7 195-87 196-77 8 195-97 196-77 8 195-97 196-77 8 195-97 196-87 19													
7. 195-97 196-67 8. 195-97 196-67 9. 195-97 196-67 9. 199-37 196-67 1. 199-37 196-67 1. 199-37 196-67 1. 199-37			190.91	130.11									
8 195-97 196-67 396-67	3												
9													
0. 196-57 196-57 196-57 196-57 196-57 196-67 196-67 197-77 198-97													
1 196-67 196-47 2 196-07 4 196-07 196-07 196-07 1 196-07 1 196-07 1 196-07 1 196-07 1 196-07 1 196-07 1 196-07 1 196-07 1 196-07 1 197-27 1 197-27 1 1 197-27 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1													
2 196-77 196-07 3 3 197-07 195-97 4 4 197-17 27 5 5 197-27 5 6 197-37 7 7 197-57 7 8 197-57 7 9 197-57 7 197-57 7 197-57 7 197-77 7 197-77 7 197-77 7 197-77 7 197-77 7 197-77 7 197-77 7 197-77 7 197-77 7 197-77 7 196-77 7 196-77 7 196-77 7 196-77 7 196-77 7 196-77 7 196-77 7 196-77 7 196-77 7 196-77 7 196-77 7 196-77 7 196-77 7 196-77 7 196-77 7 196-77 7 196-77 7 196-77 7 196-77 7													
3. 197-07 195-97 4 4 197-17 195-97 5 5. 197-27 5 6. 197-37 7 7 197-57 9 9 197-37 7 197-27 1 1 197-27 1 1 197-27 1 1 197-97 1 1 197-97 1 1 197-97 1 1 197-97 1 1 197-97 1 1 197-97 1 1 197-97 1 1 197-97 1 1 197-97 1 1 198-97 1													
4 197-17 5 197-27 6 197-27 7 197-37 7 197-37 7 197-37 9 197-37 9 197-37 9 197-37 9 197-37 9 197-37 9 197-37 9 197-37 9 197-37 9 197-37 9 197-37 9 197-37 9 197-37 9 197-37 9 197-37 9 197-37 9 198-37 9 1													
5. 197-27 6. 197-37 7. 197-37 8. 197-57 9. 197-27 1. 197-27 1. 197-27 2. 197-17 3. 197-17 3. 197-17 5. 199-97 6. 196-77 9. 196-77 9. 196-77 9. 196-77													
6. 197-37 . 197-37 . 197-37 . 197-37 . 197-27 . 197-27 . 197-17 . 197-17 . 197-07 . 197-07 . 198-07 . 198-07 . 198-07 . 198-07 . 198-07 . 198-07 . 198-07 . 199-07 . 199-07 . 199-07													
197-57													
8 197-57 9 197-37 9 197-37 9 197-37 9 197-37 9 197-27 9 197-27 9 197-77 9 1													
9 1197-37 0 1197-27 1 1 1297-27 1 1 1297-27 1 1 1397-27 2 1 1 1397-27 2 1 1397-17 1 1 1 1397-17 1 1 1 1397-17 1 1 1 1397-17 1 1 1 1397-17 1 1 1 1 1397-17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1													
0. 197-27													
1 197-27 2 197-17 3 197-17 4 197-97 5 196-97 6 196-87 7 196-77 5 196-47													
2. 197-17 3. 197-17 4. 197-07 5. 199-97 6. 196-87 7. 196-77 5. 196-67 9. 196-47													
3 197-17 4 4 197-07 5 5 196-97 6 6 196-87 7 7 196-77 5 8 196-57 9 9 196-47													
4. 197-07 5. 196-97 6. 196-87 7. 196-77 5. 196-57 9. 196-47													
5. 196-97 6. 196-87 7. 196-77 8. 199-57 9. 196-47													
6 1169-77 7 199-77 8 199-57 9 196-47													
7. 196-77													
8													
9													

ELEVATIONS above M.S.L. of Ottawa River at Britannia Bay, for 1909-10.

TABLE No. 182. 198-2 194 - 2 193-4 191.7 191 - 7 190 - 5 190 - 1 189-5 191.3 191 · 6 191 · 6 198·0 197·9 197·7 194.2 193·3 193·3 191 · 6 191 · 0 190 - 5 190 · 1 190 · 0 189·5 189·5 195-1 191.3 190 - 6 194 - 9 193.8 190.5 190.0 189 - 6 197 · 5 197 · 3 197 · 0 196 · 9 193.7 189.7 194 · 8 194 · 7 194 · 8 189.9 189.9 193·4 193·3 192·8 192·7 191·5 191·5 191 · 2 191 · 2 191·5 191·5 190 - 3 189.8 100.3 100.1 195.0 196.7 193 - 2 191.5 191.5 191.3 190 - 3 189.8 190 - 0 190 - 2 195.3 196.5 193 - 1 102.5 191.5 101.3 191.5 191.6 189-8 190-0 195.8 196.3 193 - 1 192 · 4 192 · 3 191 · 5 191 · 5 191 · 5 191.3 191·5 191·5 190 - 2 189-8 190 - 0 196-1 196.2 191.3 191 - 4 190-2 189 - 8 190 - 0 196 - 4 190 - 2 195.9 196.6 192.2 191.2 191 - 4 191.2 190 - 1 189.8 190 - 1 196.9 192.7 $192 \cdot 2$ 191.5 $191 \cdot 2$ 191-4 191 - 1 189 - 8 190 - 0 189·7 189·7 189·7 189·7 17 197·1 197·3 195 - 7 192·5 192·5 192·5 192 · 1 192 · 1 191 · 5 191 · 5 191 · 5 191.5 191.4 191 · 4 191 · 4 190 - 1 190.0 191-4 192 - 1 190 - 1 189.9 195 - 3 191.5 191.5 191.0 190 - 1 190 - 0 21 22 23 24 198.0 192 - 3 191.5 191.5 191.0 189 - 7 192.0 191.4 190-0 190 - 2 198 · 1 198 · 2 198 · 3 191·5 191·5 195 - 2 192.3 192.0 191·4 191·5 191.6 190 - 1 189 - 7 190 - 9 190 - 3 192.3 192.0 191.6 190 - 8 190 - 2 190 - 4 194 - 9 192.0 191.4 191·5 191·5 191·6 191·6 190 - 8 190 - 2 190 - 6 192 - 4 194 - 8 192.0 191.4 190.8 190 - 2 189.6 191.0 26. 108.3 $194 \cdot 7$ 191-4 $191 \cdot 5$ 190 - 2 189.5 198-3 191-8 191-4 191 · 6 191 · 6 190 · 1 190 · 1 191 - 4 190.8 189 - 6 194.5 191.9 191 - 6 190 - 6 189 - 6 198 - 4 193.3 191 - 7 190 - 1 194 - 3 191·5 191·7 198 - 4 193.5 190 - 5 190 - 1 198.4 100.5 190 - 1

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Britannia Bay, for 1910-11.

						,				IA	DLE IV	J. 100.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	192·2	193 · 8	193 · 0	191 · 8	190 · 5	190 · 3	190·1	191.0	191 · 4	190 · 1	189 · 4	188·7
2	192·3	193 · 9	193 · 0	191 · 7	190 · 5	190 · 4	190·2	191.1	191 · 5	190 · 1	189 · 3	188·6
3	192·5	193 · 9	193 · 0	191 · 8	190 · 4	190 · 4	190·1	191.1	191 · 5	190 · 2	189 · 4	188·6
4	192·7	194 · 0	193 · 1	191 · 7	190 · 4	190 · 6	190·1	191.2	191 · 4	190 · 1	189 · 4	188·6
5	193·0	194 · 0	193 · 2	191 · 6	190 · 4	190 · 7	190·0	191.2	191 · 4	190 · 0	189 · 3	188·6
6	193 · 2	194 · 0	193 · 4	191 · 5	190·3	190 · 3	190 · 0	191 · 3	191·1	190 · 0	189 · 4	188 · 6
	193 · 4	194 · 0	193 · 5	191 · 4	190·4	190 · 7	190 · 2	191 · 4	191·1	189 · 9	189 · 4	188 · 6
	193 · 6	193 · 8	193 · 6	191 · 4	190·5	190 · 6	190 · 2	191 · 4	190·9	190 · 0	189 · 3	188 · 5
	193 · 7	193 · 8	193 · 6	191 · 3	190·4	190 · 6	190 · 3	191 · 3	190·8	190 · 0	189 · 3	188 · 5
	193 · 7	193 · 7	193 · 5	191 · 3	190·3	190 · 5	190 · 4	191 · 2	190·7	189 · 9	189 · 3	188 · 5
11	193 · 7	193 · 6	193 · 4	191 · 2	190 · 5	190 · 5	190 · 5	191 · 3	190·7	189 · 9	189·2	188·5
12.	193 · 7	193 · 6	193 · 5	191 · 1	190 · 5	190 · 6	190 · 6	191 · 3	190·7	189 · 9	189·3	188·6
13.	193 · 7	193 · 5	193 · 4	191 · 1	190 · 4	190 · 6	190 · 7	191 · 3	190·6	189 · 8	189·3	188·6
14.	193 · 6	193 · 5	193 · 3	191 · 0	190 · 5	190 · 5	190 · 8	191 · 3	190·6	189 · 7	189·2	188·6
15.	193 · 5	193 · 5	193 · 3	190 · 9	190 · 5	190 · 5	190 · 9	191 · 3	190·6	189 · 7	189·2	188·7
16	193 · 3	193 · 6	193 · 2	190 · 9	190 · 5	190 · 5	191 · 0	191·3	190·5	189 · 6	189 · 2	188·7
	193 · 3	193 · 5	193 · 2	190 · 8	190 · 4	190 · 4	191 · 0	191·3	190·5	189 · 6	189 · 1	188·7
	193 · 2	193 · 4	193 · 1	190 · 8	190 · 5	190 · 4	190 · 8	191·3	190·4	189 · 6	189 · 1	188·7
	193 · 3	193 · 4	193 · 0	190 · 7	190 · 6	190 · 4	190 · 9	191·3	190·5	189 · 6	189 · 1	188·8
	193 · 3	193 · 3	192 · 9	190 · 7	190 · 5	190 · 3	190 · 9	191·3	190·4	189 · 5	189 · 1	188·9
21	193 · 3 193 · 5 193 · 4 193 · 5 193 · 5	193 · 3 193 · 3 193 · 3 193 · 2 193 · 1	192·8 192·7 192·6 192·5 192·4	190 · 6 190 · 6 190 · 5 190 · 5 190 · 4	190 · 5 190 · 5 190 · 4 190 · 5 190 · 4	$190 \cdot 3$ $190 \cdot 3$ $190 \cdot 2$ $190 \cdot 1$ $190 \cdot 2$	190 · 9 190 · 8 191 · 0 191 · 0 191 · 0	191·3 191·3 191·2 191·2 191·4	190 · 4 190 · 3 190 · 3 190 · 3 190 · 3	189·5 189·6 189·6 189·5	189 · 1 189 · 0 189 · 0 188 · 9 185 · 8	188 · 9 188 · 8 188 · 9 188 · 9 188 · 8
26	193 · 6 193 · 7 193 · 8 193 · 7 193 · 8	193.0 193.0 193.0 193.0 193.0 193.0	192·3 192·2 192·1 192·0 191·9	190 · 5 190 · 4 190 · 4 190 · 3 190 · 3 190 · 2	190·5 190·2 190·2 190·3 190·2 190·2	190 · 2 190 · 1 190 · 1 190 · 1 190 · 0	190 · 9 190 · 8 190 · 9 190 · 9 191 · 0 191 · 1	191·4 191·5 191·5 191·4 191·5	190 · 3 190 · 3 190 · 2 190 · 2 190 · 2 190 · 2		188-8 188-9 188-8	188·9 189·0 189·6 189·4 189·4 189·3

Elevations above M.S.L. of Ottawa River at Britannia Bay, for 1911-12.

					7	TABLE No. 184	ŀ.
1 189 2 189 3 189 4 189 5 189	3 193.9 194. 4 194.2 194. 3 194.3 194.	5 192·6 196 5 192·6 196 5 192·4 196	·3 190·0 ·3 190·0 ·3 190·1	189·4 189·5 189·4 189·5 189·4 189·5 189·4 189·5 189·4 189·6	191·0 190 191·0 190 191·0 190 191·0 190 190·9 190	-8 190·0 189 -8 190·0 189 -9 190·0 189	9 6 9 6 9 6 9 6 9 6 9 6
6. 189 7 189 8 189 9 190 10 190	6 195·1 194· 9 195·5 194· 2 195·8 194·	0 192·1 190 0 192·0 190 0 191·9 190	·5 190·0 ·4 190·0 ·4 189·9	189·4 189·6 189·4 189·7 189·4 189·9 189·4 189·8 189·4 189·8	190-8 190 190-8 190 190-8 190 190-9 190 190-9 190	·7 189·9 189 ·6 189·9 189 ·5 189·8 189	9·6 9·6 9·6 9·6 9·6
11 190 12 190 13 191 14 191 15 191	9 195 · 6 193 · 0 195 · 6 193 · · 1 195 · 3 193 ·	7 191·5 196 8 191·3 196 8 191·2 196	189 · 9 189 · 9 189 · 9 189 · 8	189·4 190·0 189·3 190·0 189·3 190·2 189·3 190·3 189·3 190·4	191-0 190 191-0 190 191-1 190 191-1 190 191-2 190	·4 189·8 189 ·4 189·8 189 ·4 189·7 189	9·6 9·7 9·7 9·7 9·7
16 191 17 191 18 191 19 191 20 191	·7 195·0 193· ·8 194·9 193· ·8 194·8 193·	5 191·0 190 5 191·0 190 4 190·9 190	189 · 7 189 · 7 189 · 7 189 · 7	189·3 190·4 189·3 190·4 189·3 190·5 189·3 190·6 189·3 190·7	191·2 190 191·3 190 191·3 190 191·4 190 191·4 190	·3 189·6 189 ·2 189·6 189 ·3 189·6 189	19·7 19·7 19·7 19·7 19·7
21 192 22 192 23 192 24 192 25 192	·2 194·7 193· ·3 194·7 192· ·4 195·2 192·	0 190·7 190 9 190·7 190 8 190·6 190	0·2 189·7 0·2 189·6	189·3 190·6 189·3 190·7 189·3 190·7 189·4 190·7 189·4 190·8	191·4 190 191·4 190 191·4 190 191·4 190 191·4 190	·3 189·7 189 ·2 189·7 189 ·2 189·7 189	19·7 19·7 19·7 19·7 19·7
26. 192 27. 192 28. 192 29. 193 30. 193 31.	·5 194·7 192· ·7 194·6 192· ·0 194·7 192· ·3 194·6 192·	5 190-4 196 6 190-4 196 7 190-3 196 6 190-3 196	0·1 189·5 0·1 189·5	189·4 190·9 189·4 190·9 189·4 190·9 189·5 191·0 189·5 191·0 189·5	191·1 190 189·8 190	·1 189·7 189 ·1 189·6 189 ·1 189·6 189 ·1 189·6 189	89.7 89.7 89.7 89.7 89.7 89.7

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Britannia Bay, for 1912-13.

TABLE No. 185.

-	_							-	_			
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	189·7	193-3	195.9	193·3	191·2	190 · 3	190 · 3	191 · 4	191.7	191·1	191-0	190·5
2	189·7	193-3	195.9	193·1	191·0	190 · 3	190 · 3	191 · 5	191.6	191·1	191-0	190·6
3	189·7	193-3	196.0	193·0	191·1	190 · 3	190 · 2	191 · 5	191.5	191·1	191-0	190·8
4	189·6	193-4	195.9	193·0	191·0	190 · 3	190 · 3	191 · 5	191.6	191·1	190-9	190·8
5	189·6	193-4	195.9	192·9	191·0	190 · 2	190 · 3	191 · 5	191.6	191·1	190-9	190·7
6	189 · 7	193 · 6	195.8	192 · 8	191 · 0	190 · 3	190·3	191.5	191 · 6	191·1	190 · 9	190 · 8
	189 · 8	193 · 7	195.7	192 · 6	191 · 0	190 · 3	190·3	191.6	191 · 9	191·0	190 · 9	190 · 8
	190 · 5	193 · 7	195.9	192 · 6	190 · 9	190 · 3	190·3	191.9	192 · 0	191·0	190 · 8	190 · 8
	190 · 8	193 · 8	195.5	192 · 5	190 · 8	190 · 4	190·3	192.1	192 · 0	190·9	190 · 8	190 · 8
	190 · 9	193 · 8	195.4	192 · 4	190 · 7	190 · 3	190·4	192.2	192 · 4	190·8	190 · 8	190 · 8
11	191 · 0	193 · 9	195 · 2	192 · 4	190 · 8	190 · 4	190 · 3	192 · 4	192 · 2	190 · 9	190 · 7	190·7
12	191 · 3	194 · 0	195 · 1	192 · 3	190 · 8	190 · 4	190 · 3	192 · 5	191 · 9	191 · 0	190 · 7	190·6
13	191 · 5	194 · 1	195 · 0	192 · 2	191 · 0	190 · 4	190 · 4	192 · 4	191 · 7	191 · 0	190 · 7	190·6
14	191 · 7	194 · 3	194 · 9	192 · 1	190 · 9	190 · 4	190 · 4	192 · 6	191 · 6	190 · 9	190 · 6	190·6
15	191 · 8	194 · 4	194 · 7	192 · 0	190 · 9	190 · 4	190 · 4	192 · 7	191 · 6	190 · 8	190 · 6	190·6
16	192.0	194.5	194 · 6	192.0	190 · 9	190 · 4	190·4	192 · 6	191 · 6	190 · 9	190 · 7	191 · 1
	192.3	194.4	194 · 6	192.0	190 · 9	190 · 4	190·4	192 · 6	191 · 5	191 · 0	190 · 7	191 · 3
	192.5	194.6	194 · 5	191.9	190 · 9	190 · 3	190·4	192 · 4	191 · 5	191 · 1	190 · 7	191 · 1
	192.7	194.8	194 · 4	191.9	191 · 0	190 · 3	190·4	192 · 2	191 · 5	191 · 2	190 · 7	191 · 1
	193.0	194.8	194 · 3	191.8	190 · 8	190 · 3	190·5	192 · 1	191 · 5	191 · 2	190 · 7	191 · 3
21	193 · 1	194·8	194 · 3	191·7	190 · 8	190 · 3	190 · 5	192.0	191 · 4	191 · 2	190 · 7	191·3
	193 · 3	194·8	194 · 3	191·7	190 · 7	190 · 3	190 · 5	191.9	191 · 3	191 · 2	190 · 7	192·8
	193 · 4	194·8	194 · 3	191·7	190 · 6	190 · 3	190 · 5	191.9	191 · 3	191 · 1	190 · 7	192·8
	193 · 4	194·9	194 · 2	191·7	190 · 5	190 · 3	190 · 6	191.8	191 · 3	191 · 2	190 · 7	192·8
	193 · 4	195·1	194 · 1	191·6	190 · 5	190 · 3	190 · 9	192.0	191 · 2	191 · 1	190 · 6	193·2
26	193 · 4 193 · 4 193 · 4 193 · 3 193 · 3	195·3 195·4 195·6 195·8 195·9 196·0	194·0 193·8 193·6 193·5 193·5	191·5 191·4 191·4 191·4 191·3 191·2	190 · 5 190 · 5 190 · 5 190 · 5 190 · 4 190 · 5	190 · 3 190 · 3 190 · 4 190 · 3 190 · 3	191·1 191·2 191·3 191·4 191·4 191·4	191-8 191-7 191-8 191-7 191-6	191·3 191·2 191·2 191·2 191·2 191·2	191.0	190-6 190-5 190-5	193 · 3 193 · 4 193 · 4 193 · 4 193 · 3 193 · 4

ELEVATIONS above M.S.L. of Ottawa River at Britannia Bay, for 1913-14.

										TA	BLE No	. 186.
1	193·7	194·3	193 · 6	191·3	190 · 7	190 · 4	190·2	190-6	192·2	191·2	190 · 2	190·2
	193·7	194·6	193 · 5	191·2	190 · 7	190 · 4	190·2	190-7	192·2	191·1	190 · 3	190·3
	193·7	194·9	193 · 4	191·0	190 · 7	190 · 4	190·2	190-7	192·3	190·9	190 · 2	190·3
	193·7	195·4	193 · 4	191·1	190 · 7	190 · 4	190·2	190-7	192·3	190·9	190 · 2	190·2
	193·8	195·8	193 · 3	191·0	190 · 7	190 · 3	190·1	190-8	192·3	191·0	190 · 2	190·2
6	193 · 8 193 · 9 193 · 9 193 · 8 193 · 8	195 · 9 195 · 9 195 · 8 195 · 7 195 · 6	193·2 193·1 193·0 193·0 193·0	190 · 9 190 · 8 190 · 8 190 · 8 190 · 7	190 · 6 190 · 6 190 · 6 190 · 6 190 · 5	190 · 4 190 · 3 190 · 4 190 · 4 190 · 3	190 · 1 190 · 0 190 · 0 189 · 9 189 · 9	190 · 7 190 · 7 190 · 7 190 · 8 190 · 8	192 · 2 192 · 1 192 · 3 192 · 3 192 · 4	190-9 190-8 190-8 190-8	190 · 2 190 · 3 190 · 2 190 · 3 190 · 3	190·1 190·1 190·1 190·1 190·1
11	193 · 8	195·6	192·9	190 · 8	190 · 6	190·3	189 · 8	190-9	192·3	190 · 8	190·3	190 · 0
	193 · 9	195·5	192·9	190 · 7	190 · 6	190·3	189 · 8	190-9	192·2	190 · 8	190·3	190 · 0
	193 · 9	195·5	192·8	190 · 7	190 · 5	190·3	189 · 9	191-0	192·1	190 · 7	190·2	190 · 0
	193 · 8	195·3	192·7	190 · 7	190 · 5	190·3	189 · 8	191-1	192·1	190 · 6	190·3	190 · 0
	193 · 7	195·2	192·6	190 · 6	190 · 4	190·3	189 · 8	191-2	192·0	190 · 6	190·3	190 · 1
16	193 · 8	195.0	192.6	190 · 6	190 · 4	190 · 2	189-8	191 · 4	192.0	190·5	190·3	190·2
	193 · 8	194.9	192.6	190 · 7	190 · 4	190 · 2	189-8	191 · 5	191.9	190·5	190·3	190·2
	193 · 7	194.8	192.6	190 · 6	190 · 4	190 · 2	189-8	191 · 6	191.8	190·5	190·3	190·2
	193 · 9	194.7	192.6	190 · 7	190 · 3	190 · 1	189-8	191 · 6	191.8	190·5	190·3	190·3
	194 · 0	194.6	192.6	190 · 8	190 · 2	190 · 1	189-8	191 · 7	191.9	190·5	190·3	190·3
21	193.9	194 · 5	192·6	190 · 9	190 · 1	190 · 0	189 · 8	191·7	191·8	190 · 5	190·2	190·2
	193.9	194 · 3	192·4	190 · 9	190 · 1	190 · 1	189 · 9	191·6	191·7	190 · 4	190·2	190·3
	193.8	194 · 2	192·3	190 · 9	190 · 2	190 · 2	189 · 9	191·7	191·7	190 · 4	190·3	190·3
	193.8	194 · 4	192·2	190 · 9	190 · 2	190 · 2	189 · 9	191·6	191·6	190 · 4	190·3	190·3
	193.8	194 · 1	192·0	190 · 9	190 · 3	190 · 2	190 · 0	191·4	191·6	190 · 4	190·2	190·2
26	193·8 193·7 193·9 193·9 194·0	194 · 0 194 · 1 194 · 0 193 · 9 193 · 8 193 · 7	191 · 8 191 · 7 191 · 6 191 · 5 191 · 4	190 · 8 190 · 8 190 · 9 190 · 8 190 · 8 190 · 7	190·3 190·3 190·3 190·3 190·3 190·3	190·1 190·1 190·2 190·2 190·1	190·0 190·2 190·3 190·4 190·5 190·6	191·5 191·7 191·8 192·0 192·1	191.6 191.5 191.3 191.2 191.2 191.2		190·2 190·2 190·2	190·3 190·3 190·6 190·8 190·9 190·9

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Britannia Bay, for 1914-15.

										T	ABLE N	o. 187.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	190 · 9 191 · 0 191 · 1 191 · 1 191 · 1	193 · 0 193 · 2 193 · 3 193 · 5 193 · 6	192 · 2 192 · 1 192 · 0 192 · 0 191 · 9	191 · 9 192 · 0 192 · 0 191 · 9	190 · 2 190 · 2 190 · 1 190 · 1 190 · 0	189·5 189·5 189·5 189·5 189·4	189 · 1 189 · 1 189 · 0 189 · 0 189 · 1	188-9 189-1 188-9 188-8 188-9	189 · 5 189 · 5 189 · 6 189 · 6 189 · 6	189·4 189·5 189·5 189·5 189·4	189·4 189·4 189·5 189·4 189·4	189·8 189·7 189·7 189·6 189·5
6	191 · 1 191 · 1 191 · 1 191 · 2 191 · 2	193 · 7 193 · 7 193 · 7 193 · 7 193 · 7	191 · 8 191 · 9 192 · 1 192 · 0 192 · 1	191 · 9 191 · 8 191 · 7 191 · 6 191 · 5	190 · 0 189 · 9 189 · 8 189 · 8 189 · 8	189 · 4 189 · 5 189 · 6 189 · 4 189 · 4	189.0 189.0 188.9 188.9 188.9	188-9 188-8 188-9 189-0 188-9	189-6 189-7 189-7 189-7 189-7	189 · 4 189 · 5 189 · 5 189 · 5 189 · 5	189 · 4 189 · 4 189 · 5 189 · 5 189 · 5	189 · 5 189 · 5 189 · 5 189 · 4 189 · 4
11	191 · 1 190 · 9 190 · 8 190 · 8 190 · 8	193 · 7 193 · 7 193 · 7 193 · 7 193 · 6	192 · 0 192 · 1 191 · 9 191 · 8 191 · 8	191 · 5 191 · 4 191 · 3 191 · 3	189 · 8 189 · 8 189 · 7 189 · 7 189 · 7	189·3 189·3 189·3 189·4 189·3	189·0 189·1 189·0 188·9 188·9	188 · 9 188 · 9 188 · 7 188 · 8 188 · 8	189·7 189·7 189·7 189·8 189·7	189 · 5 189 · 5 189 · 5 189 · 5 189 · 5	189 · 4 189 · 4 189 · 4 189 · 4 189 · 5	189 · 4 189 · 4 189 · 3 189 · 4 189 · 4
16	190 · 7 190 · 7 190 · 7 190 · 7 190 · 7 191 · 0	193 · 6 193 · 6 193 · 6 193 · 5 193 · 3	191 · 7 191 · 6 191 · 6 191 · 7 192 · 1	191 · 2 191 · 1 191 · 0 191 · 0 191 · 0	189-6 189-6 189-6 189-6 189-6	189·3 189·3 189·3 189·3 189·2	188 · 9 188 · 9 188 · 9 189 · 0 189 · 0	189 · 2 189 · 2 189 · 2 189 · 1 189 · 1	189·7 189·6 189·6 189·5 189·6	189 · 5 189 · 5 189 · 6 189 · 6 189 · 5	189 · 4 189 · 4 189 · 4 189 · 4 189 · 4	189 · 4 189 · 4 189 · 4 189 · 4 189 · 4
21 22 23 24 25.	191·2 191·3 191·5 191·7 191·9	193·1 192·9 192·8 192·6 192·6	$\begin{array}{c} 192 \cdot 0 \\ 192 \cdot 2 \\ 192 \cdot 2 \\ 192 \cdot 2 \\ 192 \cdot 3 \end{array}$	190 · 9 190 · 8 190 · 8 190 · 7 190 · 6	189 · 6 189 · 6 189 · 5 189 · 6 189 · 5	189·3 189·3 189·3 189·2 189·2	188 · 9 188 · 9 188 · 9 188 · 9 188 · 8	189 · 2 189 · 2 189 · 4 189 · 4 189 · 3	189 · 6 189 · 6 189 · 5 189 · 5 189 · 5	189 · 5 189 · 4 189 · 5 189 · 5 189 · 5	189 · 4 189 · 4 189 · 4 189 · 4 189 · 5	189 · 4 189 · 5 189 · 5 189 · 7 189 · 8
26. 27 28 29 30. 31	192·2 192·4 192·6 192·7 192·9	$\begin{array}{c} 192 \cdot 5 \\ 192 \cdot 5 \\ 192 \cdot 5 \\ 192 \cdot 5 \\ 192 \cdot 4 \\ 192 \cdot 3 \end{array}$	192 · 1 192 · 0 191 · 9 192 · 1 192 · 0	190 · 6 190 · 6 190 · 5 190 · 4 190 · 3 190 · 2	189·5 189·4 189·4 189·5 189·5	189·2 189·2 189·2 189·1 189·2	189 · 1 188 · 9 188 · 9 188 · 8 188 · 9 188 · 9	189-3 189-4 189-4 189-4 189-5	189·5 189·5 189·5 189·4 189·4 189·4	189 · 5 189 · 5 189 · 5 189 · 4 189 · 4 189 · 4	189·6 189·7 189·7	190 · 0 190 · 0 190 · 1 190 · 1 190 · 0 189 · 9

Elevations above M.S.L. of Ottawa River at Bronson's Point, for 1904–05.

			-		TA	BLE No	. 188.
1							
2							
3					131.87		
4						131 - 27	130 - 8
5							
6,,					131 - 67		
							130 - 8
9							
U	and the state of t				132.02		130 - 6
						101 17	
2				120 67	131-92		
J							
6				139.30			
0				132 - 29	131.82		
1						131 - 10	130 - 5
2							
3				132 - 12			
4					131 - 77 .		
5						130 - 99	130 - 4
7					131 - 67		
8						131.00	
0				132 - 15			
1					131 - 47		135-3

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Bronson's Point for 1905-06.

TABLE No. 189.

								-		A /	IDLL A	0. 100.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1		134 · 07 134 · 87 135 · 67 135 · 87 136 · 47	138 · 52 138 · 37 138 · 07	134 · 12 133 · 82 133 · 52	133 · 02 132 · 92 132 · 82 132 · 67 132 · 57	130 · 27 130 · 32	130 · 17 130 · 15 130 · 07 130 · 02	131 · 75 131 · 72 131 · 82 131 · 52	130 · 59 132 · 17 132 · 04 131 · 97	131 · 20 131 · 20 131 · 39		132·97 132·67 132·54
6 7 8 9	137 · 82 137 · 62 137 · 07	136-67 137-27 137-57 138-27	137 · 67 137 · 52 137 · 32 137 · 27 137 · 17	133 · 52 133 · 32 133 · 17	132·32 132·32 132·12 132·02	130 · 57 130 · 52 130 · 37 130 · 37	129 · 87 129 · 89 129 · 77 129 · 92	131 · 72 131 · 32 131 · 37 131 · 12 131 · 77	131 · 77 131 · 59 131 · 49 131 · 49 131 · 32	131 · 25 131 · 09 131 · 13 131 · 07	133 · 87 133 · 77 133 · 60 133 · 40 133 · 29	132 · 34 132 · 25 132 · 19 132 · 09 132 · 02
11 12 13 14 15	136·17 135·87 136·02 136·02 136·02	139 · 17 139 · 22 139 · 47	136-97 136-92 136-92 136-82	132·97 132·97 132·92 132·92 132·92	131 · 72 131 · 72 131 · 77	130 · 37 130 · 37 130 · 32 129 · 97 130 · 07	129 · 97 129 · 92 129 · 82 129 · 92	131 · 27 131 · 32 131 · 37 131 · 27	131 · 57 131 · 49 131 · 37 131 · 22 131 · 17	130 · 96 130 · 99 130 · 89 130 · 76 130 · 89	132·95 132·82 132·89 132·77	131 · 77 131 · 77 131 · 63 131 · 50
16 17 18 19 20	135 · 62 135 · 47 135 · 37 135 · 17	139 · 87 139 · 87 139 · 97 139 · 97 140 · 07	136·72 136·72 136·67 136·67	132·97 132·97 132·97 133·02	131 · 62 131 · 47 131 · 37 131 · 22	130 · 02 130 · 32 130 · 57 130 · 77	130 · 32 130 · 52 130 · 57 131 · 02	131·37 131·17 131·15	131·14 131·00 130·97 130·87	130 · 92 130 · 87 130 · 88 130 · 85 130 · 82	132.69 132.50 132.30 132.27	131 · 38 131 · 32 131 · 10 131 · 12
21 22 23 24 25	135·07 135·02 134·57 134·47	140 · 37 140 · 27 139 · 82	136·52 136·37 136·17 135·87	132 · 97 132 · 97 132 · 82 132 · 77	131 · 02 130 · 87 130 · 67 130 · 62 130 · 57	$130 \cdot 82$ $130 \cdot 77$ $130 \cdot 72$ $130 \cdot 57$ $130 \cdot 67$	130 · 77 131 · 27 131 · 52 131 · 72	130 · 97 130 · 97 130 · 87 130 · 97 130 · 75	131 · 09 131 · 09 131 · 05	130 · 85 131 · 55 133 · 97 134 · 62	132·18 132·60 132·78 132·74	130 · 97 130 · 82 130 · 75 130 · 69
26 27 28 29 30 31		139 · 62 139 · 37 138 · 97 138 · 87 138 · 72	135·57 135·32 135·07 134·77 134·52	132 · 67 132 · 67 132 · 67 132 · 77 133 · 02	130 · 47 130 · 27 130 · 22 130 · 37 130 · 32	130 · 67 130 · 57 130 · 47 130 · 42 130 · 32	132·02 131·99 131·92 131·97	131·07 131·37 131·32 131·07	130 · 97 130 · 92 130 · 85 130 · 97 131 · 02	134 · 67 134 · 59 134 · 37 134 · 22 134 · 22	133·32 133·32 133·02	$\begin{array}{c} 130 \cdot 47 \\ 131 \cdot 78 \\ 132 \cdot 94 \\ 133 \cdot 42 \\ 133 \cdot 58 \\ 133 \cdot 50 \end{array}$

Elevations above M.S.L. of Ottawa River at Bronson's Point for 1906.

				TABLE No. 190.
1 132-92 3. 132-78 4. 132-74 5. 132-77	137 - 42 137 - 15	131·79 131·70 131·60 129·13	128·27 128·40 129·15 128·36 129·12 128·33 128·32 129·02	129-63 130-34
6. 132-82 7. 132-84 8. 9. 133-22 10. 133-28	138-44 138-77 136-16 138-68 139-37 139-90 135-6	131 · 44 129 · 01 131 · 29 129 · 01 131 · 17	128 · 40	130·42 131·65
11 132·90 12 132·86 13 14 133·04	139·76 139·47 134·85 139·47 134·6	128-92 130-87 128-87	128 · 52 128 · 41	130·40 130·27 130·29
16. 132-72 17. 133-57 18. 133-70 19. 133-97 20. 134-27	140 · 62 133 · 70 140 · 67 139 · 42 133 · 42	130·49 128·56 130·39 128·62 128·60	128 · 72 129 · 05 128 · 81 129 · 04 129 · 02 129 · 06 128 · 97 129 · 27 .	130·15 130·20
21 134-77 22 23 135-92 24 136-35 25 136-65	140 - 67 132 - 70	130 · 20 128 · 51 130 · 11	129·36 128·81 129·23 129·04 129·24 129·14 129·35 129·07	130 · 16
26. 136·85 27. 137·02 28. 137·15 29. 30. 137·09 31.	138 · 26 132 · 17 140 · 17 138 · 08 132 · 04 139 · 97 137 · 96 139 · 75 137 · 87 131 · 93	129·74 128·29 129·78 128·23 129·66 128·47 129·47	129·11 129·35 129·22 129·73 	129·89

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1850.

TABLE No. 191.

Day.			Jan.	Feb. March.
8	 	 	 130 - 35	131 - 30 130 - 60

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1850-51.

TABLE No. 192.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 8 15 22	132 - 35	141 · 80 143 · 20	139·30 137·10	133 · 35 132 · 60	131 · 55 130 · 70	129 · 95 130 · 45	132 · 10 133 · 20	132 · 80 133 · 30	132 · 60 132 · 85	131 · 55 130 · 95	130 - 55	131 · 10 131 · 10

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1851-52.

TABLE No. 193.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 8 15 22		141 · 95 142 · 85	141 · 45 140 · 70	136 · 30 134 · 80	133 · 05 132 · 35	131·10 131·10	129·80 129·85	131 · 10 131 · 45	130 · 85 130 · 95	130 - 45	129 · 80 129 · 85	129 · 70 129 · 85 130 · 05 130 · 60

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1852–53.

TABLE No. 194.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	131 - 20	140.35	141.55	137.85	133 - 70	131 - 20	129-60	130 - 80	130 - 85	130 - 60	131 - 95	131 - 20
8	132 - 30	142.70					129.80	131 - 10			131.80	
15	133 - 30	145 - 10	140.70			131 - 10	129.85	131-45	130.95		$131 \cdot 70$	
22	136.85	143.30	139 · 30	134 · 20	131.80	130 - 35	130 - 45	131 · 20	130 - 80	133 - 60	131 - 45	130 - 35

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1853-54.

TABLE No. 195.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 8 15 22	130 · 20 132 · 10 134 · 20 135 · 70	137 · 20 138 · 60 140 · 05 140 · 20	139 · 95 139 · 60	134 · 55 132 · 95	130 · 20 130 · 30	129 · 85 130 · 20	131 · 35 131 · 85	131 · 85 132 · 80	133 - 30	131·45 131·35	130 · 70 130 · 45	130 · 35 130 · 70 131 · 05 130 · 80

ELEVATIONS above M.S.L. of Ottawa River at Rideau Locks for 1854–55.

TABLE No. 196.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 8 15 22.	130 · 55 132 · 70 134 · 85 136 · 10	137 · 35 139 · 80 142 · 10 142 · 10	142 · 05 140 · 35 138 · 80 137 · 10	135 · 55 134 · 45 133 · 35 132 · 45	131.55 130.70 129.85 130.85	131 · 85 130 · 45 128 · 95 128 · 95	128 · 95 129 · 60 130 · 30 130 · 45	130 · 60 131 · 10 131 · 55 132 · 20	132 · 85 133 · 20 133 · 45 133 · 05	132-20	131 · 55 131 · 70 131 · 85 131 · 20	130 · 30 130 · 10

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1855-56.

TABLE No. 197.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
181522	129 · 80 130 · 30 130 · 80 137 · 10	143 - 70	140 · 55 140 · 20	135·30 133·70	131·05 130·10	129 · 85 130 · 05 130 · 10 130 · 05	129 · 95 132 · 10	132 · 45 134 · 30 136 · 20 135 · 55	134 · 95 135 · 20 135 · 35 134 · 55	133 · 45 133 · 60	131 · 30 131 · 05	130 · 20 129 · 95 129 · 70 129 · 45

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1856-57.

TABLE N

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 8 15 22.	131.85	137·10 136·30	134 10 134 · 10	132·45 132·95	130 · 70 129 · 55	130 · 80 131 · 30	133 · 20 134 · 30	133 · 10 133 · 70	133 · 55 133 · 60	132 · 20 131 · 80	132·05 132·10	132·55 132·10

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1857-58.

TABLE No. 199.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 8 15 22	132·10 135·60	140 · 45 143 · 85	139·55 143·70	136 · 20 137 · 45	132·10 136·35	133.45	132.70	135 - 70	132.35			

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1858-59.

TABLE No. 200.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1. 8. 15.	138 · 45 139 · 05	139 · 55 139 · 85 140 · 10 140 · 20	140 · 35 139 · 60 138 · 80 136 · 95		132 · 70 132 · 10 131 · 55 131 · 30	130 · 95 132 · 60 134 · 35 133 · 70	133 · 10 133 · 05 132 · 95 133 · 45	133 · 55 133 · 05	131 · 35 131 · 10	130 · 30 130 · 30	129 · 70 129 · 85 129 · 80 129 · 55	129 · 70 129 · 80 131 · 35 134 · 05

ELEVATIONS above M.S.L. of Ottawa River at Rideau Locks for 1859-60.

TABLE No. 201.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 8 15 22		149.05 142.45	139·80 137·85	136 · 20 134 · 60	132 · 10 132 · 10	129 · 60 130 · 30	132 - 85	132 · 05 132 · 30	135 · 60 135 · 10	133 · 95 133 · 70	132 · 30 131 · 95	132·30 132·45

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1860-61.

TABLE No. 202.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	.134 · 70 134 · 80 135 · 80 135 · 70	136·55 140·20 142·10 142·55	140 · 60 140 · 20 138 · 80 137 · 05	134 · 20 132 · 80	130 · 55 130 · 20	130+35 129+70	130 · 60 130 · 55		132 · 10 132 · 05 132 · 10 132 · 05	132 · 20 131 · 05	130 · 85 130 · 70 131 · 55 131 · 60	131·30 132·55 132·55 132·05

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Rideau Locks for 1861-62.

TABLE No. 203.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1 8 15 22	132 · 55 133 · 20 136 · 10 138 · 55	144 · 85 147 · 20	143·35 141·05	135·20 135·30	132 · 45 131 · 55	130 · 55 131 · 10	132 · 80 134 · 55	135 · 35 135 · 55	133 · 20 135 · 35	134·55 132·35	132·35 131·95	131 · 45 131 · 70

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1862-63.

TABLE No. 204.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 8 15 22	131 · 55 131 · 85 134 · 95 141 · 05	143 · 35 142 · 30	138 · 05 134 · 10	131 · 85 130 · 20	130 · 70 129 · 45	130 · 20 132 · 20	$131 \cdot 80$ $132 \cdot 20$		132·35 132·05	131·35 131·45	131 · 05 130 · 70	130 · 35 132 · 05

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1863-64.

TABLE No. 205.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	130 89	140 · 05	136 · 45	132 95	130 45	129·35	130 · 55	132 · 70	134 · 45	132·70	131 35	130 60
	136 · 20	138 · 80	134 · 45	131 · 95	128 · 95	128·30	130 · 45	132 · 10	134 · 60	132·30	131 30	130 · 35

Elevations above M.S L. of Ottawa River at Rideau Locks for 1864-65.

TABLE No. 206.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	131 · 60 135 · 95 138 · 05 137 · 95	144 · 60 147 · 30	138 · 85 137 · 60	132 · 55 131 · 55	129 · 60 127 · 85	129·20 129·10	130 · 20 132 · 60	133 · 45 134 · 80	135. 80	133 · 10 132 · 70	131 · 35 131 · 05	130 · 45 130 · 55

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1865-66.

TABLE No. 207

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	136 · 30 138 · 05 140 · 10 140 · 55	$142 \cdot 70 \\ 142 \cdot 20$	138 · 60 136 · 95	135 · 55 135 · 95	$134 \cdot 20$	130.05	128 · 95 128 · 70	128 · 55 129 05		129 · 20 129 · 10	129·05 129·05	129 · 60 129 · 45

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1866-67.

TABLE No. 208.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	131 · 10 134 · 60	139 - 35	138 · 60 138 · 55	135 · 95 135 · 10	132 - 20	131 · 45 133 · 35	133 · 10 132 · 20	132·05 138·55	137 · 85 137 · 95		133 · 10 132 · 85	132 · 20 132 · 05

ELEVATIONS above M.S.L. of Ottawa River at Rideau Locks for 1867-68.

TABLE No. 209,

Day,	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 8 15 22	131 · 60 133 · 20 134 · 05 137 · 05		144 · 70 143 · 10 142 · 35 141 · 05	$\begin{array}{c} 138 \cdot 35 \\ 137 \cdot 05 \\ 135 \cdot 30 \\ 135 \cdot 30 \end{array}$	134 · 85 132 · 35 133 · 20 131 · 20	133·70 129·95 136·20 129·60	129.95	129 · 45 131 · 20	132 · 10 131 · 85 131 · 85 130 · 95	131·05 130·70	130 · 20 129 · 85 129 · 70 129 · 60	129 · 45- 129 · 55 130 · 85- 133 · 10-

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1868.

TABLE No. 210.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	132 · 35 131 · 95 131 · 45 132 · 95	137 · 20 138 · 55	138 · 20 137 · 55 135 · 95 134 · 55	$\begin{array}{c} 132\cdot 80 \\ 131\cdot 95 \\ 130\cdot 95 \\ 130\cdot 20 \end{array}$	$^{129\cdot05}_{128\cdot70}_{128\cdot35}_{128\cdot30}$	$\begin{array}{c} 127\cdot 85 \\ 128\cdot 10 \\ 128\cdot 60 \\ 128\cdot 45 \end{array}$	$\substack{128 \cdot 35 \\ 128 \cdot 55 \\ 128 \cdot 95 \\ 129 \cdot 20}$	129 · 85 130 · 10 129 · 80 129 · 95	129.70 129.70			

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1869.

TABLE No. 211.

_	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest										129.35		
Lowest										129·30 129·33		

ELEVATIONS above M.S.L. of Ottawa River at Rideau Locks for 1869-70.

TABLE No. 212.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest.	141 · 20	147 · 10	142·30	138 · 20	134 · 85	136 · 20	135·30	131 · 85	132·35	132 · 80	132 · 70	131·85
Lowest.	129 · 05	141 · 55	138·30	134 · 20	133 · 20	133 · 70	131·45	131 · 20	131·70	131 · 45	131 · 80	131·05
Mean.	135 · 13	144 · 33	140·30	136 · 20	134 · 03	134 · 95	133·37	131 · 53	132·03	132 · 12	132 · 25	131·45

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1870-71.

TABLE No. 213.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest	147·10	146 · 55	136·35	131 · 80	130 · 20	128 · 60	129 · 85	132 · 30	132 · 05	131 · 10	130 · 45	134 · 95
Lowest	131·85	136 · 55	131·85	130 · 30	128 · 60	127 · 95	127 · 55	130 · 30	130 · 80	130 · 55	130 · 10	130 · 30
Mean	139·47	141 · 55	134·10	131 · 05	129 · 40	128 · 28	128 · 70	131 · 30	131 · 42	130 · 82	130 · 28	132 · 62

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1871-72.

TA	BLE	No.	21

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
HighestLowestMean	141·10	144 · 60	140 · 10	134 · 95	131·60	128 · 85	129 · 05	129 · 80	129 · 95	129 · 55	129 · 10	128 · 70
	133·35	140 · 80	135 · 30	131 · 95	129·20	127 · 35	127 · 35	129 · 35	128 · 45	129 · 20	128 · 70	128 · 30
	137·23	142 · 70	137 · 70	133 · 45	130·40	128 · 10	128 · 20	129 · 58	129 · 20	129 · 37	128 · 90	128 · 50

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1872-73.

TABLE No. 215.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest Lowest Mean	134·10 128·35 131·25	136 - 30	135.80	132 - 10	129.55	129.55	132 - 10	131.35		130 - 30	131 · 05 130 · 35 130 · 70	129.95

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1873-74.

TABLE No. 216.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
HighestLowestMean	140 · 45 131 · 60 136 · 02	139-20	146 · 30 137 · 05 141 · 67	133 - 45	130 - 20	129 - 20	130 - 45			133-05 131-80 132-42	131.30	$131 \cdot 30$

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1874-75.

TABLE No. 217.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest Lowest Mean	133 · 35 131 · 55 132 · 45	$132 \cdot 55$	141 - 20	$134 \cdot 55$	129.60	$128 \cdot 10$	128 - 10	128 - 20	129.30			128 · 95 128 · 80 128 · 87

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1875-76.

TABLE No. 218.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest Lowest Mean	134 · 60 128 · 95 131 · 77			134 · 45 131 · 95 133 · 20	132 · 20 131 · 10 131 · 65	130 · 95 129 · 45 130 · 20	129.35	131 · 85 131 · 60 131 · 72	131 · 55 130 · 80 131 · 17		132·05 131·05 131·55	131.05

ELEVATIONS above M.S.L. of Ottawa River at Rideau Locks for 1876-77.

TABLE No. 219

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest. Lowest. Mean.	141 · 85 132 · 70 137 · 14	144 · 30	141.05	133 - 85	130.05	129·70 128·05 128·87	128-05	130 - 35	131 · 95 130 · 95 131 · 45	129.80	128 - 85	128 - 95

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1877-78.

TABLE No. 220.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
Highest	137·35 129·55 133·25	135-35	132 - 60	131-10	129.70	128.05	128 - 05	129.85	133 · 85 133 · 30 133 · 57	133 · 10 131 · 20 132 · 15	129.80	129-60

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1878-79.

TABLE No. 221

										1	ADLE .	NO. 221.
	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
HighestLowestMean	135·35 130·30 132·83	137 · 45 135 · 45 136 · 45	133 · 10	133 · 20 130 · 80 132 · 00	130 · 60 129 · 70 130 · 15	132·05 128·70 130·37		137·30 135·55 136·42	135 - 45	132 - 60	131 - 45	

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1879-80.

TABLE No. 222.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest Lowest Mean	138·35 131·10 134·72	139 - 35	142·05 135·70 138·87	135 · 80 133 · 45 134 · 62	132 · 95 130 · 20 131 · 58		128 - 60		132 · 80 129 · 30 131 · 05	131 - 60	131 - 10	131.35

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1880-81.

TABLE No. 223.

_	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest Lowest Mean	140·70 131·60 136·15	146·30 141·05 143·68	144·20 138·05 141·12	137-85 133-55 135-20	133 · 55 130 · 45 132 · 00	129 - 30	131 · 55 129 · 20 130 · 37	131 - 60	135 · 10 131 · 85 132 · 98	130 · 85 129 · 80 130 · 32	130 · 80 129 · 95 130 · 38	132·60 129·95 131·28

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1881-82.

TABLE No. 224.

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest	135 · 45	142 · 60		132 · 95	130 · 30	128·10	128 · 80	129·85	130 · 80	130 · 85	131.05	132·70
Lowest	130 · 05	138 · 35		130 · 30	128 · 30	126·95	126 · 90	128·80	129 · 85	129 · 80	129.55	130·20
Mean	132 · 75	140 · 48		131 · 62	129 · 30	127·62	127 · 85	129·37	130 · 32	130 · 32	130.30	131·45

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1882-83.

TABLE No. 225.

_	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest Lowest Mean	136·30 132·35 134·32	142·70 136·45 139·58		138·30 134·55 136·45	132 - 45	133 · 80 132 · 45 133 · 12		132·85 131·35 132·10	131 · 95 131 · 10 131 · 52		130·05 129·80 129·92	130·05 129·55 129·80

Elevations above M.L.S. of Ottawa River at Rideau Locks for 1883.

TA	BLE	No	228

	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
Highest	129 - 45	137.85	139.70									

6 GEORGE V, A. 1916

Elevations above M.L.S. of Ottawa River at Rideau Locks for 1883-84.

TABLE No. 227.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
				140 · 70 140 · 79 141 · 04 141 · 20 141 · 20	136 · 12 135 · 70 135 · 45 135 · 29 135 · 20	131 · 54 131 · 45 131 · 37 131 · 20 131 · 20	131·20 131·37 131·45 131·45 131·37	131·70 131·95 132·29 132·62 132·95	135 · 37 135 · 70 135 · 95 136 · 45 136 · 29	134 · 54 134 · 37 134 · 29 134 · 29 134 · 20	132·95 132·95 132·87 132·79 132·70	132 · 04 132 · 04 132 · 04 132 · 04 132 · 04
				$140 \cdot 79$ $140 \cdot 29$ $139 \cdot 79$ $139 \cdot 62$	$135 \cdot 12$ $134 \cdot 95$ $134 \cdot 87$ $134 \cdot 79$ $134 \cdot 54$	$\begin{array}{c} 131 \cdot 04 \\ 131 \cdot 04 \\ 131 \cdot 20 \\ 131 \cdot 20 \\ 131 \cdot 12 \end{array}$	$\begin{array}{c} 131 \cdot 29 \\ 131 \cdot 20 \\ 131 \cdot 04 \\ 130 \cdot 95 \\ 130 \cdot 87 \end{array}$	$\begin{array}{c} 133 \cdot 12 \\ 133 \cdot 37 \\ 133 \cdot 37 \\ 133 \cdot 37 \\ 133 \cdot 62 \end{array}$	$\begin{array}{c} 136 \cdot 04 \\ 136 \cdot 12 \\ 136 \cdot 20 \\ 136 \cdot 37 \\ 136 \cdot 45 \end{array}$	$\begin{array}{c} 134 \cdot 20 \\ 134 \cdot 20 \\ 134 \cdot 20 \\ 134 \cdot 20 \\ 134 \cdot 12 \end{array}$	132 · 70 132 · 70 132 · 62 132 · 54 132 · 37	132 · 04 131 · 95 131 · 87 131 · 87
				139·37 139·04 138·95 138·62 138·62	$134 \cdot 45$ $134 \cdot 29$ $134 \cdot 12$ $133 \cdot 87$ $133 \cdot 70$	$\begin{array}{c} 131 \cdot 12 \\ 131 \cdot 04 \\ 131 \cdot 20 \\ 131 \cdot 29 \\ 131 \cdot 37 \end{array}$	$130 \cdot 79$ $130 \cdot 87$ $130 \cdot 95$ $131 \cdot 29$ $131 \cdot 37$	133 · 62 133 · 70 133 · 87 134 · 04 134 · 12	$\begin{array}{c} 136 \cdot 29 \\ 136 \cdot 20 \\ 135 \cdot 95 \\ 136 \cdot 12 \\ 136 \cdot 04 \end{array}$	134 · 12 134 · 04 133 · 95 133 · 87 133 · 87	$132 \cdot 29$ $132 \cdot 29$ $132 \cdot 37$ $132 \cdot 54$ $132 \cdot 37$	131 · 83 131 · 83 131 · 83 131 · 83 131 · 83
i				138-62 138-79 138-79 138-87 138-87	$133 \cdot 54$ $133 \cdot 45$ $133 \cdot 37$ $133 \cdot 20$ $133 \cdot 04$	131 · 45 131 · 45 131 · 54 131 · 45 131 · 37	$131 \cdot 54$ $131 \cdot \iota 0$ $131 \cdot 79$ $131 \cdot 95$ $132 \cdot 20$	$134 \cdot 12$ $133 \cdot 79$ $133 \cdot 62$ $133 \cdot 54$ $133 \cdot 54$	$\begin{array}{c} 136 \cdot 04 \\ 136 \cdot 04 \\ 135 \cdot 87 \\ 135 \cdot 79 \\ 135 \cdot 70 \end{array}$	133 · 87 133 · 87 133 · 79 133 · 62 133 · 62	132 · 20 132 · 29 132 · 37 132 · 45 132 · 37	131 · 8 131 · 8 131 · 8 131 · 8 131 · 7
1 2 3 4				138 · 87 138 · 79 138 · 70 138 · 20 137 · 95	132 · 87 132 · 70 132 · 62 132 · 54 132 · 37	131 · 29 131 · 20 131 · 12 131 · 04 130 · 95	$\begin{array}{c} 132 \cdot 20 \\ 132 \cdot 29 \\ 132 \cdot 20 \\ 132 \cdot 04 \\ 132 \cdot 04 \end{array}$	133 · 54 133 · 54 133 · 79 134 · 04 134 · 37	135 · 70 135 · 62 135 · 54 135 · 37 135 · 20	$133 \cdot 62$ $133 \cdot 62$ $133 \cdot 62$ $133 \cdot 62$ $133 \cdot 54$	$\begin{array}{c} 132 \cdot 29 \\ 132 \cdot 29 \\ 132 \cdot 29 \\ 132 \cdot 29 \\ 132 \cdot 20 \end{array}$	131 · 8 131 · 9 132 · 1 132 · 2 132 · 5
6				137 · 54 137 · 29 137 · 12 136 · 70 136 · 54 136 · 20	132 · 20 132 · 12 132 · 04 131 · 95 131 · 79 131 · 62	130 · 95 130 · 87 130 · 95 131 · 04 131 · 12	131 · 95 131 · 70 131 · 70 131 · 70 131 · 54 131 · 62	134 · 70 134 · 95 135 · 37 135 · 29 135 · 12	135 · 12 135 · 04 134 · 95 134 · 79 134 · 70 134 · 62	133 · 54 133 · 37 133 · 20 133 · 20 133 · 12 133 · 12	132 · 20 132 · 20 132 · 20 132 · 04	133 · 0 134 · 0 135 · 2 136 · 0 137 · 0

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1884–85.

TABLE No. 228. 137 · 90 137 · 90 137 · 60 137 · 35 132 - 35 129-80 132-60 134 - 55 132-60 140.05 140 - 45 134 - 45 $130 \cdot 20$ 133-45 140 - 35 134 - 10 132 - 45 130 - 10 133 - 30 132 · 60 132 · 55 132 · 35 134 - 80 132 - 60 140 - 35 140.55 132 · 55 132 · 70 132·35 132·45 140 - 30 $133 \cdot 95$ 130 - 05 133 - 10 $135 \cdot 10$ 131 - 80 131 - 60 140.80 139.80 120.85 5..... 141.20 133.70 129 - 80 130 - 05 132 - 60 134 - 70 137 - 10 139 - 60 141.80 130.30 $133 \cdot 55$ 133.05 199 - 80 130 - 20 132 - 45 $134 \cdot 70$ 132 - 45 131 - 45 133 · 35 133 · 30 132 - 95 133 - 20 134 - 80 132 - 45 136 · 45 136 · 30 142.05 142.35 142.60138 - 95 $133 \cdot 10$ $133 \cdot 20$ $129 \cdot 80$ $130 \cdot 20$ 138-60 129 - 80 130 - 30 134 - 80 136 - 10 133 - 10 133 - 30 130 - 30 132 - 70 135 - 10 $134 \cdot 80$ $132 \cdot 30$ 136-45 142.85 138 - 55 $132 \cdot 95$ $133 \cdot 30$ 129.80 $130 \cdot 20$ 132 - 60 134 - 80 132.20 10,.... 136-80 142.95 130 - 10 $134 \cdot 70$ 136 · 95 136 · 55 143 · 05 143 · 20 143 · 20 138 - 10 132 · 70 132 · 60 132 · 55 133 · 05 132 · 80 132 · 60 130 - 20 132 - 60 135·30 135·35 134 - 60 132 · 20 132 · 30 12 13 14 129 - 60 132 · 45 132 · 45 134 - 55 138 · 05 137 · 85 $130 \cdot 20$ 131.30 129 - 60 130 - 45 136 - 10 135-80 143.05 132 - 45 15..... 132 - 20 136 - 85 133 - 95 132 - 30 131 - 60 136·10 136·45 142.05 137.45 $132 \cdot 20$ $132 \cdot 05$ 129-45 130 - 80 132 - 35 142 · 80 142 · 80 137 - 30 130 - 85 136-95 133-80 132 - 20 136 · 90 137 · 20 137 · 60 130 - 95 136 - 70 133 - 60 18..... 19..... 142.80 136 · 80 136 · 55 131 · 70 131 · 55 129 - 35 130 - 80 132 · 30 132 · 20 136 - 35 133 - 60 135 - 60 131.95 130 - 60 132.95 $131 \cdot 20$ 142-80 135.55 133.30 131.05 132 · 30 132 · 30 132 · 30 132 - 45 138.05 $142 \cdot 80$ $131 \cdot 35$ $130 \cdot 70$ 138 · 40 138 · 60 138 · 80 142 · 60 142 · 60 136 · 20 135 · 95 $131 \cdot 85$ 131.20 129-30 130 - 80 133 - 30 131 - 80 130 - 95 130 - 85 142 - 20 135 - 60 131-80 130 - 80 24 135.55 130 - 70 131 - 10 132 - 20 135 - 10 142.05 $131 \cdot 70$ 130 - 60 139-10 135 - 35 132·10 131·95 139 - 30 141.95 130 - 45 132 - 60 28..... 29.... 141·70 141·30 134 - 95 131 - 80 130 · 45 130 · 45 129.55 129.60 134 - 60 $131 \cdot 30$ 134 - 60 134 - 80 131.85 134 - 45 139-90 140.95 134 - 60 131.85 130 - 35 129.80 30 $134 \cdot 55$ $131 \cdot 20$ 31.....

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1885-86.

TABLE No. 229

									Т	ABLE .	No. 229.	
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	131 · 05 131 · 10 131 · 20 131 · 30 131 · 30	142 · 85 142 · 45 142 · 10 141 · 85 141 · 35	142 · 85 142 · 85 142 · 70 142 · 55 142 · 45	138 · 05 137 · 85 137 · 85 137 · 70 137 · 60	134 · 55 134 · 45 134 · 35 134 · 35 134 · 10	131·45 131·30 131·30 131·10 131·05	130 · 30 130 · 20		131·80 131·80 131·80 131·80 131·80	131·70 131·70 131·85 131·95 132·30	133 · 20 133 · 05 132 · 80 132 · 60 132 · 55	132 · 45 132 · 45 132 · 35 132 · 20 132 · 05
6	131·30 131·30 131·35 131·45 131·60	141 · 10 140 · 85 141 · 10 141 · 55 141 · 80	$\begin{array}{c} 142 \cdot 20 \\ 141 \cdot 95 \\ 141 \cdot 60 \\ 141 \cdot 10 \\ 140 \cdot 80 \end{array}$	$\begin{array}{c} 137 \cdot 55 \\ 137 \cdot 55 \\ 137 \cdot 60 \\ 137 \cdot 60 \\ 137 \cdot 55 \end{array}$	133 · 85 133 · 80 133 · 60 133 · 55 133 · 45	$\begin{array}{c} 130 \cdot 95 \\ 130 \cdot 85 \\ 130 \cdot 80 \\ 130 \cdot 80 \\ 130 \cdot 80 \end{array}$	129 · 95 129 · 80		$\begin{array}{c} 131.80 \\ 131.85 \\ 131.95 \\ 132.10 \\ 132.35 \end{array}$	$\begin{array}{c} 134 \cdot 85 \\ 135 \cdot 35 \\ 135 \cdot 30 \\ 135 \cdot 20 \\ 135 \cdot 10 \end{array}$	132 · 45 132 · 45 132 · 35 132 · 35 132 · 30	131 · 85 131 · 85 131 · 85 131 · 85 131 · 85
11	131 · 80 131 · 85 132 · 05 132 · 30 132 · 60	$\begin{array}{c} 142 \cdot 35 \\ 142 \cdot 60 \\ 143 \cdot 10 \\ 143 \cdot 20 \\ 143 \cdot 35 \end{array}$	$\begin{array}{c} 140 \cdot 35 \\ 140 \cdot 20 \\ 139 \cdot 95 \\ 139 \cdot 60 \\ 139 \cdot 35 \end{array}$	$\begin{array}{c} 137 \cdot 35 \\ 137 \cdot 20 \\ 137 \cdot 05 \\ 136 \cdot 95 \\ 137 \cdot 20 \end{array}$	$133 \cdot 35$ $133 \cdot 30$ $133 \cdot 10$ $133 \cdot 05$ $132 \cdot 95$	$\begin{array}{c} 130\cdot 80 \\ 130\cdot 70 \\ 130\cdot 70 \\ 130\cdot 70 \\ 130\cdot 60 \end{array}$	129 · 70 129 · 70 129 · 70		$\begin{array}{c} 132 \cdot 35 \\ 132 \cdot 35 \\ 132 \cdot 35 \\ 132 \cdot 35 \\ 132 \cdot 20 \end{array}$	135.05 135.05 134.95 134.95 134.85	$132 \cdot 30$ $132 \cdot 20$ $132 \cdot 20$ $132 \cdot 35$ $132 \cdot 55$	131 · 80 131 · 70 131 · 60 131 · 55 131 · 45
16	132 · 85 133 · 30 134 · 10 135 · 30 137 · 55	143 · 35 143 · 45 143 · 45 143 · 55 143 · 60	139 · 20 138 · 80 138 · 80 138 · 85 138 · 95	$\begin{array}{c} 137 \cdot 20 \\ 137 \cdot 10 \\ 137 \cdot 10 \\ 136 \cdot 70 \\ 136 \cdot 55 \end{array}$	$132 \cdot 80$ $132 \cdot 60$ $132 \cdot 55$ $132 \cdot 55$ $132 \cdot 45$	130 · 55 130 · 55 130 · 45 130 · 45 130 · 45	129 · 85 129 · 95		$\begin{array}{c} 132 \cdot 10 \\ 132 \cdot 10 \\ 132 \cdot 05 \\ 132 \cdot 05 \\ 132 \cdot 05 \end{array}$	134 · 80 134 · 70 134 · 60 134 · 55 134 · 45	132 · 70 132 · 85 132 · 80 132 · 60 132 · 55	131 · 45 131 · 45 131 · 35 131 · 30 131 · 20
21	138 · 30 138 · 85 140 · 20 141 · 20 141 · 70	143 · 70 143 · 80 143 · 85 143 · 80 143 · 60	138 · 85 138 · 85 138 · 85 138 · 85 138 · 60	$136 \cdot 45$ $136 \cdot 45$ $136 \cdot 30$ $135 \cdot 95$ $135 \cdot 85$	$\begin{array}{c} 132 \cdot 30 \\ 132 \cdot 20 \\ 131 \cdot 95 \\ 131 \cdot 95 \\ 131 \cdot 85 \end{array}$	$\begin{array}{c} 130 \cdot 45 \\ 130 \cdot 45 \\ 130 \cdot 45 \\ 130 \cdot 35 \\ 130 \cdot 35 \end{array}$	130 · 20 130 · 35 130 · 35		$\begin{array}{c} 132 \cdot 05 \\ 132 \cdot 05 \\ 132 \cdot 05 \\ 132 \cdot 05 \\ 131 \cdot 95 \end{array}$	134 · 35 134 · 20 134 · 20 134 · 05 133 · 85	132 · 60 132 · 80 132 · 80 132 · 70 132 · 70	131 · 35 131 · 45 131 · 45 131 · 45 131 · 45
26	142.05 142.55 142.70 143.30 143.35	$\begin{array}{c} 143\cdot 60 \\ 143\cdot 45 \\ 143\cdot 30 \\ 143\cdot 10 \\ 142\cdot 95 \\ 142\cdot 85 \end{array}$	138 · 60 138 · 60 138 · 55 138 · 45 138 · 30	$\begin{array}{c} 135 \cdot 70 \\ 135 \cdot 45 \\ 135 \cdot 20 \\ 135 \cdot 10 \\ 134 \cdot 95 \\ 134 \cdot 80 \end{array}$	131 · 80 131 · 70 131 · 60 131 · 55 131 · 45 131 · 45	130 · 45 130 · 45 130 · 45 130 · 45 130 · 45	130 · 35 130 · 35 130 · 35		131 · 95 131 · 85 131 · 80 131 · 80 131 · 80 131 · 70	133 · 80 133 · 70 133 · 60 133 · 55 133 · 45 133 · 35	132 · 70 132 · 55 132 · 55	131 · 45 131 · 35 131 · 35 131 · 35 131 · 45 131 · 55

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1886-87.

									TAE	BLE No.	230.
1	132 · 45 133 · 70 135 · 80 136 · 10 136 · 45	146 · 20 13 146 · 05 13 145 · 85 13	8-35 136-05 8-20 135-95 18-10 135-80 17-85 135-70 17-60 135-60	133.05 132.85 132.80	130 · 70 130 · 60 130 · 60 130 · 60 130 · 70	130 · 60 130 · 70 130 · 80 130 · 95 130 · 95	131 · 95 131 · 85 131 · 80 131 · 70 131 · 55	131 · 30 131 · 35 131 · 55 131 · 70 131 · 85	130 · 95 130 · 95 130 · 85 130 · 85 130 · 80	130 · 85 130 · 85 130 · 85 130 · 85 130 · 85	131 · 10 131 · 10 131 · 05 130 · 95 130 · 95
6	$\begin{array}{c} 136 \cdot 45 \\ 136 \cdot 45 \end{array}$	144.60 13 144.35 13 143.95 13	7-55 135-55 17-45 134-95 17-45 134-85 17-45 134-60 17-35 134-45	132·20 132·05 132·05	130 · 80 130 · 80 130 · 80 130 · 70 130 · 60	131 · 05 131 · 10 131 · 10 131 · 10 131 · 05	131 · 45 131 · 45 131 · 45 131 · 35 131 · 30	$\begin{array}{c} 132\cdot05\\ 132\cdot05\\ 131\cdot85\\ 131\cdot80\\ 131\cdot55 \end{array}$	130 · 80 130 · 70 130 · 70 130 · 60 130 · 60	$\begin{array}{c} 130 \cdot 85 \\ 130 \cdot 95 \\ 131 \cdot 20 \\ 131 \cdot 20 \\ 131 \cdot 20 \end{array}$	$\begin{array}{c} 131 \cdot 05 \\ 131 \cdot 10 \\ 131 \cdot 20 \\ 131 \cdot 10 \\ 131 \cdot 10 \end{array}$
11	$\begin{array}{c} 136.85 \\ 137.55 \\ 138.10 \\ 138.05 \\ 137.95 \end{array}$	142.95 13 142.70 13 142.50 13	37·35 134·26 37·35 134·05 37·10 133·85 37·20 133·86 37·20 133·86	131 · 85 131 · 80 131 · 80	130 · 55 130 · 45 130 · 35 130 · 35 130 · 20	$\begin{array}{c} 131 \cdot 05 \\ 131 \cdot 10 \\ 131 \cdot 20 \\ 131 \cdot 20 \\ 131 \cdot 05 \end{array}$	131 · 30 131 · 20 131 · 20 131 · 10 130 · 95	131 · 55 131 · 55 131 · 55 131 · 55 131 · 45	130 · 60 130 · 60 130 · 60 130 · 60 130 · 60	$\begin{array}{c} 131 \cdot 30 \\ 131 \cdot 30 \\ 131 \cdot 30 \\ 131 \cdot 20 \\ 131 \cdot 20 \end{array}$	131 · 05 131 · 05 130 · 95 130 · 85 130 · 80
16 17 18 19 20	$\begin{array}{c} 140\cdot 30 \\ 140\cdot 30 \\ 140\cdot 60 \\ 141\cdot 10 \\ 141\cdot 85 \end{array}$	141.05 13 140.95 13 140.95 13	37·20 134·10 37·10 134·05 36·95 133·85 36·80 133·70 36·60 133·60	131·35 131·45 131·45	$\begin{array}{c} 130 \cdot 20 \\ 130 \cdot 20 \\ 130 \cdot 10 \\ 130 \cdot 05 \\ 130 \cdot 20 \end{array}$	131·05 131·05 131·10 131·20 131·35	130 · 80 130 · 80 130 · 95 130 · 85 130 · 85	131 · 45 131 · 35 131 · 35 131 · 35 131 · 30	130 · 55 130 · 55 130 · 55 130 · 55 130 · 55	$\begin{array}{c} 131 \cdot 20 \\ 131 \cdot 20 \\ 131 \cdot 20 \\ 131 \cdot 20 \\ 131 \cdot 20 \end{array}$	130 · 85 130 · 85 130 · 85 130 · 85 130 · 85
21	$\begin{array}{c} 142.85 \\ 144.05 \\ 144.80 \\ 145.30 \\ 145.35 \end{array}$	140 · 35 13 140 · 30 13 140 · 20 13	36 · 45 133 · 86 36 · 35 133 · 86 36 · 30 133 · 86 36 · 30 133 · 76 36 · 10 133 · 66	131.05 130.95 130.85	$\begin{array}{c} 130 \cdot 20 \\ 130 \cdot 20 \\ 130 \cdot 20 \\ 130 \cdot 20 \\ 130 \cdot 20 \end{array}$	131 · 55 131 · 60 131 · 70 131 · 80 131 · 85	130 · 85 130 · 85 131 · 10 131 · 55 131 · 45	131 · 20 131 · 05 131 · 05 131 · 05 131 · 10	130 · 55 130 · 55 130 · 60 130 · 85 130 · 80	131 · 20 131 · 20 131 · 20 131 · 20 131 · 10	130 · 85 130 · 85 130 · 85 130 · 95 130 · 85
26 27 28 29 20 31	145 · 70 145 · 85 145 · 85 146 · 05 146 · 35	139·55 1 139·20 1 138·95 1 138·80 1	36·10 133·53 36·10 133·44 36·10 133·30 36·10 133·10 36·10 133·03 133·20	130 · 55 130 · 45 130 · 55 130 · 60	130 · 20 130 · 30 130 · 35 130 · 45 130 · 60	131·95 132·05 132·10 132·10 132·05 131·95	131 · 45 131 · 45 131 · 45 131 · 45 131 · 20	131·10 131·20 131·20 131·10 131·10 131·05		131 · 10 131 · 10 131 · 10	130 · 80 130 · 80 130 · 80 130 · 80 130 · 80 130 · 70

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1887-88.

TABLE No. 231

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	130 · 70 130 · 70 130 · 60 130 · 60 130 · 70	141 · 45 141 · 55 142 · 10 142 · 70 143 · 20	140 · 55 140 · 10 140 · 05 140 · 05 139 · 70	134 · 05 133 · 95 133 · 85 133 · 80 132 · 70	131·10 131·05 130·85 130·80 130·60	128 · 80 128 · 70 128 · 70 128 · 70 128 · 70	127·30 127·30 127·30 127·30 127·30	127 · 45 127 · 45 127 · 45 127 · 55 127 · 55	128.05 128.05 128.10 128.10 128.10	129 · 10 129 · 10 129 · 10 129 · 10 129 · 05	128 · 60 128 · 65 128 · 70 128 · 70 128 · 75	128 · 60 128 · 65 128 · 70 128 · 70 128 · 70
6	130 · 85 130 · 85 130 · 85 130 · 85 131 · 10	143 · 95 144 · 95 145 · 45 146 · 10 146 · 60	139 · 35 139 · 05 138 · 95 138 · 95 138 · 80	$\begin{array}{c} 132\cdot 62 \\ 132\cdot 95 \\ 132\cdot 85 \\ 132\cdot 85 \\ 132\cdot 85 \end{array}$	130 · 60 130 · 55 130 · 45 130 · 45 130 · 55	$\begin{array}{c} 128 \cdot 55 \\ 128 \cdot 55 \\ 128 \cdot 55 \\ 128 \cdot 35 \\ 128 \cdot 20 \end{array}$	$\begin{array}{c} 127 \cdot 20 \\ 127 \cdot 20 \\ 127 \cdot 25 \\ 127 \cdot 25 \\ 127 \cdot 30 \end{array}$	$\begin{array}{c} 127 \cdot 60 \\ 127 \cdot 60 \end{array}$	$\begin{array}{c} 128 \cdot 30 \\ 128 \cdot 35 \\ 128 \cdot 60 \\ 128 \cdot 60 \\ 128 \cdot 70 \end{array}$	128 · 95 128 · 85 128 · 80 125 · 80 128 · 70	128 · 80 128 · 80 125 · 80 128 · 80 128 · 75	128 · 65 128 · 60 128 · 60 128 · 55 128 · 55
11 12 13 14 15	$131 \cdot 55$ $133 \cdot 10$ $135 \cdot 20$ $136 \cdot 70$ $137 \cdot 35$	146-60 146-60 146-60 146-45	$\begin{array}{c} 138 \cdot 35 \\ 138 \cdot 20 \\ 138 \cdot 05 \\ 137 \cdot 80 \\ 137 \cdot 35 \end{array}$	132 · 85 132 · 85 132 · 85 132 · 85 133 · 05	$\begin{array}{c} 130 \cdot 55 \\ 130 \cdot 45 \\ 130 \cdot 35 \\ 130 \cdot 20 \\ 129 \cdot 95 \end{array}$	$\begin{array}{c} 128 \ 05 \\ 127 \cdot 95 \\ 127 \cdot 85 \\ 127 \cdot 85 \\ 127 \cdot 85 \\ 127 \cdot 85 \end{array}$	$\begin{array}{c} 127 \cdot 30 \\ 127 \cdot 30 \\ 127 \cdot 30 \\ 127 \cdot 20 \\ 127 \cdot 20 \\ 127 \cdot 20 \end{array}$	127 · 60 127 · 55 127 · 55 127 · 55 127 · 55	$\begin{array}{c} 128 \cdot 80 \\ 128 \cdot 85 \\ 128 \cdot 95 \\ 129 \cdot 05 \\ 129 \cdot 10 \end{array}$	$\begin{array}{c} 128 \cdot 70 \\ 128 \cdot 70 \\ 128 \cdot 80 \\ 128 \cdot 80 \\ 128 \cdot 80 \end{array}$	128 · 70 128 · 65 128 · 60 128 · 55 128 · 60	128·55 128·55 128·60 128·70 128·70
16	137·70 137·70 138·35 138·85 139·60	146 · 20 146 · 20 145 · 80 145 · 05 144 · 85	137.05 136.55 136.70 136.70 136.05	133.05 132.85 132.80 132.70 132.55	$\begin{array}{c} 129 \cdot 95 \\ 129 \cdot 85 \\ 129 \cdot 80 \\ 129 \cdot 60 \\ 129 \cdot 55 \end{array}$	$\begin{array}{c} 127 \cdot 80 \\ 127 \cdot 60 \\ 127 \cdot 60 \\ 127 \cdot 60 \\ 127 \cdot 60 \end{array}$	$\begin{array}{c} 127 \cdot 30 \\ 127 \cdot 35 \\ 127 \cdot 30 \\ 127 \cdot 30 \\ 127 \cdot 30 \end{array}$	127 · 45 127 · 45 127 · 45 127 · 45 127 · 45	$\begin{array}{c} 129 \cdot 20 \\ 129 \cdot 20 \\ 129 \cdot 20 \\ 129 \cdot 20 \\ 129 \cdot 10 \end{array}$	$\begin{array}{c} 128\cdot 80 \\ 128\cdot 80 \\ 128\cdot 80 \\ 128\cdot 80 \\ 125\cdot 80 \\ 128\cdot 80 \end{array}$	128 · 60 128 · 70 128 · 70 128 · 70 128 · 70	128 · 60 128 · 55 128 · 50 128 · 45 128 · 55
21	140 · 10 140 · 85 141 · 35 141 · 35 141 · 45	144 · 20 143 · 20 142 · 60 142 · 30 142 · 05	136 · 05 135 · 70 135 · 55 135 · 30 135 · 05	$\begin{array}{c} 132 \cdot 35 \\ 132 \cdot 45 \\ 132 \cdot 60 \\ 132 \cdot 35 \\ 132 \cdot 20 \end{array}$	$\begin{array}{c} 129 \cdot 45 \\ 129 \cdot 35 \\ 129 \cdot 35 \\ 129 \cdot 30 \\ 129 \cdot 20 \end{array}$	$\begin{array}{c} 127 \cdot 55 \\ 127 \cdot 35 \end{array}$	$\begin{array}{c} 127 \cdot 30 \\ 127 \cdot 30 \\ 127 \cdot 20 \\ 127 \cdot 05 \\ 127 \cdot 30 \end{array}$	$\begin{array}{c} 127 \cdot 45 \\ 127 \cdot 45 \\ 127 \cdot 55 \\ 127 \cdot 70 \\ 127 \cdot 95 \end{array}$	$\begin{array}{c} 129 \cdot 05 \\ 129 \cdot 05 \end{array}$	128 · 80 128 · 80 128 · 70 128 · 70 128 · 70	128 70 128 70 128 60 128 55 128 55	128 · 60 128 · 65 128 · 70 128 · 70 128 · 75
26. 27. 28. 29. 30. 31.	141·30 140·55 140·95 141·30 141·30	141 · 80 141 · 10 140 · 95 140 · 85 140 · 80 140 · 60	134 · 80 134 · 60 134 · 45 134 · 30 134 · 10	131 · 95 131 · 80 131 · 60 131 · 45 131 · 35 131 · 20	129 · 10 129 · 05 128 · 95 128 · 95 128 · 95 128 · 95	127·30 127·30 127·30 127·30 127·30	127 · 35 127 · 45 127 · 45 127 · 45 127 · 45 127 · 45	127-95 127-95 127-95 127-95 128-05	$\begin{array}{c} 129\cdot05 \\ 129\cdot05 \\ 129\cdot05 \\ 129\cdot05 \\ 129\cdot05 \\ 129\cdot05 \\ 129\cdot05 \end{array}$	128·70 128·70 128·70 128·70 128·70 128·70	128-55 128-55 128-55 128-57	128 · 80 128 · 95 129 · 10 129 · 20 129 · 30 129 · 45

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1888-89.

TABLE No. 232. 129 · 70 130 · 20 134.95 135.70 136.55130 - 35 129.80 129-20 131 - 60 131-35 130 - 70 143-45 139 - 80 132 - 80 143 · 20 142 · 85 139 - 55 132 · 60 132 · 30 130 - 35 129 · 80 129 · 70 129 · 55 129 · 30 129 · 60 129 · 70 132.05 131.95131 · 45 131 · 45 131 · 35 131 · 30 $130 \cdot 70$ 130 - 60 138 - 95 130 - 30 120.20 132 - 30 130 · 35 130 · 70 137.05 137.35 143-45 138 60 130 - 20 129 - 55 143.37 138 - 30 130 - 20 131.95 131.35 130 - 55 131-30 130.95 137 · 45 137 · 55 137 · 60 143 · 30 143 · 20 142 · 85 $137 \cdot 70$ $137 \cdot 30$ $137 \cdot 10$ 131.95 130 - 10 129 - 55 130 - 20 131 - 95 131 - 10 130.45 131 - 80 129.85 129.35 130 - 45 131.85 131 - 20 131 - 10 130 - 45 131 · 30 131 · 35 131 · 60 131 - 60 129 - 30 130 - 80 131 - 20 130.45 131 · 20 131 · 20 129 · 30 129 · 30 130.45 137 - 85 142.05 136.85 $129 \cdot 70$ 131.85130 - 55 129 - 60 131.80 131.80 138 - 35 141.95 136 - 55 131.70 131.85 131 - 10 131.45 130 - 55 131 - 95 138-60 141.85 129·20 129·30 130 - 55 132 · 60 133 · 20 133 · 35 139 - 80 141 · 60 141 · 35 141 · 35 135 · 80 135 · 70 135 · 35 131 - 10 131-60 131-55 130 - 45 131 · 10 130 · 85 140 - 35 141·45 142·55 129 - 35 129-10 131 - 35 14..... 133 - 35 141.55 135.20 130 - 70 129-35 128 - 95 131.80 130 - 45 131-35 131.70 143-60 $141 \cdot 70 \\ 141 \cdot 70 \\ 142 \cdot 35$ 130.70 129 - 45 129.05 132-85 16..... 133-35 135.05 130 - 80 129-55 130 · 35 130 · 35 133 - 10 144.55 145.30 134.85 129 · 55 129 · 55 129 · 55 133·30 133·30 130 - 80 129 - 20 132 · 80 132 · 70 18..... 19..... 146 - 10 142-45 $134 \cdot 55$ 130 - 60 129.05 130.45 132.95 142.30 124 - 45 130 - 35 129.05 132-55 130 - 55 $146 \cdot 30$ 134 - 35 130 - 30 129.70 129.05 $132 \cdot 35$ 131.70 132 - 20 131·10 131·10 130 - 70 $132 \cdot 55$ 146.55 142.35 129 - 80 129·05 129·05 131 - 55 132 - 10 130 - 95 146 · 20 146 · 05 1-2-20 141-80 134 · 10 133 · 85 131 · 10 130 · 30 131·85 131·70 131 - 30 132 · 35 132 · 35 141.70 129.95 129-10 132 - 35 $130 \cdot 95$ 131 - 60 130 - 95 129 - 05 132 - 10 145.55 141-60 129.95 129 - 95 $132 \cdot 30$ 133-45 131-60 130 - 85 132 · 45 132 · 55 131.85 144.85 141-10 130.05 129.95 129.05 $132 \cdot 30$ 131-60 129 · 95 129 · 70 129 · 70 129.05 129.05 132 · 10 132 · 20 131.55 131.55 $130 \cdot 80$ 140 · 85 140 · 70 140 · 30 $133 \cdot 45$ $133 \cdot 30$ $133 \cdot 20$ 130 - 10 130 - 05 130 - 80 28..... 144 · 60 144 · 20 144 · 05 132 - 30 130 - 05 129.05 29..... 130 - 10 129.05 $132 \cdot 10$ 132 - 20 30..... 134 - 30 140.04 131 - 35 31.... 143-60 133.05 130 - 35 129 - 10 .

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1889-90.

									-	1	ABLE	No. 233.
Day,	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2	131 · 95 131 · 85 131 · 80 131 · 80 131 · 85	139 · 55 140 · 10 140 · 45 140 · 45 140 · 60	137·10 137·85 138·70 139·70 140·80	139·35 139·20 139·10 139·10 138·85	134 · 60 134 · 55 134 · 45 134 · 35 134 · 30	131 · 85 131 · 70 131 · 60 131 · 45 131 · 35	129 · 45 129 · 45 129 · 35 129 · 45 129 · 55	129·30 129·20 129·10 129·05 129·05	130 · 20 130 · 05 129 · 85 129 · 95 130 · 10	134·10 134·35 134·35 134·60 134·60	133·35 133·35 133·35 133·35 133·20	133 · 55 133 · 55 133 · 55 123 · 70 133 · 85
6	$\begin{array}{c} 131 \cdot 95 \\ 132 \cdot 05 \\ 132 \cdot 10 \\ 132 \cdot 35 \\ 132 \cdot 70 \end{array}$	140 · 85 140 · 70 140 · 35 140 · 20 139 · 85	141 · 85 142 · 45 142 · 70 142 · 55 142 · 55	138 · 70 138 · 45 138 · 10 137 · 80 137 · 70	134 · 10 134 · 05 133 · 85 133 · 70 133 · 45	$\begin{array}{c} 131 \cdot 30 \\ 131 \cdot 20 \\ 131 \cdot 20 \\ 131 \cdot 10 \\ 131 \cdot 05 \end{array}$	$\begin{array}{c} 129\cdot 80 \\ 129\cdot 70 \end{array}$	128 · 85 128 · 85 128 · 85 128 · 95 128 · 95	130 · 30 130 · 45 130 · 55 130 · 55 130 · 55	134·70 134·60 134·45 134·35 133·85	133 · 20 133 · 20 133 · 20 132 · 85 132 · 85	133 · 85 133 · 85 133 · 70 133 · 70 133 · 60
11	132.95 133.10 133.30 133.30 133.30	139·70 139·60 139·55 139·45 139·20	$\begin{array}{c} 142 \cdot 45 \\ 142 \cdot 20 \\ 142 \cdot 05 \\ 141 \cdot 70 \\ 141 \cdot 55 \end{array}$	$137 \cdot 55$ $137 \cdot 45$ $137 \cdot 35$ $137 \cdot 30$ $137 \cdot 20$	$\begin{array}{c} 133 \cdot 30 \\ 133 \cdot 20 \\ 133 \cdot 10 \\ 132 \cdot 95 \\ 132 \cdot 95 \end{array}$	130 · 95 130 · 80 130 · 70 130 · 70 130 · 60	$\begin{array}{c} 129 \cdot 80 \\ 129 \cdot 85 \\ 129 \cdot 95 \\ 129 \cdot 95 \\ 129 \cdot 95 \end{array}$	$\begin{array}{c} 129\cdot05 \\ 129\cdot05 \\ 129\cdot10 \\ 129\cdot10 \\ 129\cdot10 \\ 129\cdot10 \\ \end{array}$	130 · 55 131 · 05 131 · 55 131 · 85 132 · 10	$\begin{array}{c} 133 \cdot 60 \\ 133 \cdot 80 \\ 134 \cdot 10 \\ 134 \cdot 20 \\ 134 \cdot 45 \end{array}$	132·85 132·85 132·85 132·85 132·80	133 · 80 133 · 35 133 · 35 133 · 35 133 · 60
16	138 · 10 132 · 95 133 · 10 133 · 30 133 · 45	$\begin{array}{c} 138 \cdot 95 \\ 138 \cdot 70 \\ 138 \cdot 60 \\ 138 \cdot 35 \\ 138 \cdot 20 \end{array}$	$\begin{array}{c} 141 \cdot 20 \\ 140 \cdot 85 \\ 140 \cdot 70 \\ 140 \cdot 55 \\ 140 \cdot 35 \end{array}$	137·10 136·85 136·70 136·60 136·45	$\begin{array}{c} 132 \cdot 85 \\ 132 \cdot 70 \\ 132 \cdot 70 \\ 132 \cdot 70 \\ 132 \cdot 70 \end{array}$	$\begin{array}{c} 130 \cdot 55 \\ 130 \cdot 45 \\ 130 \cdot 30 \\ 130 \cdot 20 \\ 130 \cdot 10 \end{array}$	$\begin{array}{c} 129 \cdot 95 \\ 129 \cdot 95 \\ 129 \cdot 85 \\ 129 \cdot 80 \\ 129 \cdot 70 \end{array}$	$\begin{array}{c} 129\cdot 10 \\ 129\cdot 20 \\ 129\cdot 30 \\ 129\cdot 35 \\ 129\cdot 55 \end{array}$	$\begin{array}{c} 132 \cdot 45 \\ 132 \cdot 20 \\ 132 \cdot 05 \\ 132 \cdot 05 \\ 132 \cdot 10 \end{array}$	134 · 45 134 · 45 134 · 45 134 · 35 134 · 35	132·80 132·70 123·70 132·70 132·55	133 · 70 133 · 80 133 · 80 133 · 70 133 · 70
21 22 23 24 25	$133 \cdot 95$ $134 \cdot 55$ $135 \cdot 05$ $135 \cdot 55$ $136 \cdot 10$	$\begin{array}{c} 137 \cdot 85 \\ 137 \cdot 70 \\ 137 \cdot 45 \\ 137 \cdot 20 \\ 137 \cdot 10 \end{array}$	$\begin{array}{c} 140 \cdot 20 \\ 140 \cdot 05 \\ 139 \cdot 85 \\ 139 \cdot 70 \\ 139 \cdot 70 \end{array}$	$136 \cdot 35$ $136 \cdot 20$ $135 \cdot 85$ $135 \cdot 60$ $135 \cdot 70$	$\begin{array}{c} 132 \cdot 70 \\ 132 \cdot 70 \\ 132 \cdot 60 \\ 132 \cdot 60 \\ 132 \cdot 45 \end{array}$	$\begin{array}{c} 130 \cdot 10 \\ 130 \cdot 05 \\ 130 \cdot 05 \\ 129 \cdot 85 \\ 129 \cdot 85 \end{array}$	$\begin{array}{c} 129 \cdot 70 \\ 129 \cdot 55 \\ 129 \cdot 45 \\ 129 \cdot 45 \\ 129 \cdot 35 \end{array}$	$\begin{array}{c} 129.85 \\ 130.30 \\ 130.35 \\ 129.45 \\ 130.55 \end{array}$	$\begin{array}{c} 132 \cdot 10 \\ 132 \cdot 10 \\ 132 \cdot 10 \\ 132 \cdot 20 \\ 132 \cdot 35 \end{array}$	$\begin{array}{c} 134 \cdot 35 \\ 134 \cdot 35 \\ 134 \cdot 20 \\ 134 \cdot 10 \\ 134 \cdot 05 \end{array}$	132 · 55 132 · 45 132 · 70 132 · 85 132 · 85	133 · 85 133 · 80 133 · 80 133 · 80 133 · 80
26	136 · 60 · 137 · 20 137 · 60 138 · 35 139 · 05	137 · 10 137 · 05 136 · 85 136 · 70 136 · 70 136 · 85	139·70 139·85 139·70 139·55 139·35	135·35 135·30 135·10 135·05 134·85 134·80	$\begin{array}{c} 132 \cdot 35 \\ 132 \cdot 30 \\ 132 \cdot 30 \\ 132 \cdot 20 \\ 132 \cdot 10 \\ 131 \cdot 95 \end{array}$	129 · 80 129 · 70 129 · 70 129 · 60 129 · 55	$\begin{array}{c} 129 \cdot 35 \\ 129 \cdot 45 \\ 129 \cdot 45 \\ 129 \cdot 35 \\ 129 \cdot 45 \\ 129 \cdot 45 \\ \end{array}$	130 · 60 130 · 60 130 · 55 130 · 55 130 · 30	132.60 132.85 133.35 133.35 133.60 133.85	$133 \cdot 85$ $133 \cdot 70$ $133 \cdot 60$ $133 \cdot 55$ $133 \cdot 45$ $133 \cdot 35$	132·85 132·85 132·85	133 · 85 133 · 85 133 · 85 134 · 05 133 · 85 133 · 80

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1890-91.

									1.8	BLE NO	. 234.
1	133 · 80 133 · 80 133 · 85 133 · 35 133 · 35	140 · 10 140 · 35 141 · 05 141 · 55 141 · 85	145·05 144·95 114·85 144·80 144·60	134 · 30 134 · 10 134 · 05 133 · 95 133 · 95	$\begin{array}{c} 133 \cdot 10 \\ 133 \cdot 20 \\ 133 \cdot 30 \\ 133 \cdot 35 \\ 133 \cdot 45 \end{array}$	131·70 131·70 131·70 131·70 131·60	130 · 85 130 · 85 130 · 85 130 · 80 130 · 70	$\begin{array}{c} 130 \cdot 20 \\ 130 \cdot 20 \\ 130 \cdot 10 \\ 130 \cdot 10 \\ 130 \cdot 10 \end{array}$	130 · 20 130 · 20 130 · 20 130 · 05 130 · 05	129 · 60 129 · 60 129 · 60 129 · 60 129 · 60	129 · 85 129 · 85 129 · 85 129 · 85 129 · 85
6	$\begin{array}{c} 134.70 \\ 135.70 \\ 135.85 \\ 136.85 \\ 137.45 \end{array}$	$\begin{array}{c} 141 \cdot 85 \\ 142 \cdot 20 \\ 142 \cdot 20 \\ 142 \cdot 35 \\ 142 \cdot 55 \end{array}$	144·35 144·20 143·70 143·70 143·70	133 · 95 133 · 85 133 · 85 133 · 70 133 · 55	$133 \cdot 45$ $133 \cdot 45$ $133 \cdot 45$ $133 \cdot 35$ $133 \cdot 30$	131 · 55 131 · 45 131 · 45 131 · 45 131 · 45	130 · 70 130 · 60 130 · 70 130 · 70 130 · 70	$\begin{array}{c} 130 \cdot 10 \\ 130 \cdot 10 \end{array}$	$\begin{array}{c} 129 \cdot 85 \\ 129 \cdot 85 \\ 129 \cdot 85 \\ 129 \cdot 80 \\ 129 \cdot 80 \end{array}$	$\begin{array}{c} 129\cdot 60 \\ 129\cdot 60 \\ 129\cdot 60 \\ 129\cdot 60 \\ 129\cdot 60 \end{array}$	129 · 85 130 · 35 130 · 70 130 · 85 130 · 85
11	$\begin{array}{c} 137 \cdot 80 \\ 137 \cdot 95 \\ 138 \cdot 10 \\ 138 \cdot 30 \\ 138 \cdot 30 \end{array}$	$\begin{array}{c} 142 \cdot 60 \\ 142 \cdot 80 \\ 142 \cdot 80 \\ 142 \cdot 70 \\ 142 \cdot 60 \end{array}$	143 · 55	133 · 45 133 · 35 133 · 35 133 · 45 133 · 35	133 · 30 133 · 35 133 · 45 133 · 35 133 · 30	$\begin{array}{c} 131 \cdot 35 \\ 131 \cdot 30 \\ 131 \cdot 20 \\ 131 \cdot 20 \\ 131 \cdot 20 \end{array}$	130 · 80 130 · 80 130 · 80 130 · 80 130 · 80	$\begin{array}{c} 130 \cdot 10 \\ 130 \cdot 10 \\ 130 \cdot 10 \\ 130 \cdot 10 \\ 130 \cdot 35 \end{array}$	$\begin{array}{c} 129\cdot 80 \\ 129\cdot 70 \\ 129\cdot 70 \\ 129\cdot 70 \\ 129\cdot 60 \end{array}$	$\begin{array}{c} 129\cdot 60 \\ 129\cdot 60 \\ 129\cdot 60 \\ 129\cdot 60 \\ 129\cdot 60 \end{array}$	$\begin{array}{c} 131 \cdot 20 \\ 131 \cdot 70 \\ 131 \cdot 85 \\ 132 \cdot 35 \\ 132 \cdot 55 \end{array}$
16	$\begin{array}{c} 138 \cdot 45 \\ 138 \cdot 80 \\ 138 \cdot 95 \\ 139 \cdot 05 \\ 139 \cdot 05 \end{array}$	$\begin{array}{c} 142 \cdot 35 \\ 142 \cdot 20 \\ 142 \cdot 05 \\ 142 \cdot 20 \\ 142 \cdot 35 \end{array}$	143·95	$\begin{array}{c} 133 \cdot 30 \\ 133 \cdot 30 \\ 133 \cdot 20 \\ 133 \cdot 10 \\ 133 \cdot 20 \end{array}$	$\begin{array}{c} 133 \cdot 30 \\ 133 \cdot 30 \\ 132 \cdot 95 \\ 132 \cdot 70 \\ 132 \cdot 35 \end{array}$	131 · 20 131 · 10 131 · 30 131 · 30 131 · 30	130 · 80 130 · 70 130 · 70 130 · 70 130 · 80	130·35 130·35 130·35 130·35 130·35	$\begin{array}{c} 129\cdot 60 \\ 129\cdot 60 \\ 129\cdot 60 \\ 129\cdot 60 \\ 129\cdot 60 \end{array}$	$\begin{array}{c} 129\cdot 60 \\ 129\cdot 60 \\ 129\cdot 60 \\ 129\cdot 60 \\ 129\cdot 60 \end{array}$	$\begin{array}{c} 132\cdot 70 \\ 132\cdot 85 \\ 132\cdot 85 \\ 132\cdot 85 \\ 132\cdot 60 \end{array}$
21	139 · 10 139 · 10 139 · 05 139 · 05 139 · 05	142 · 35 142 · 60 142 · 60 142 · 60 142 · 70	143·55 143·20 143·05 142·55 142·30	133 · 30 133 · 35 133 · 45 133 · 35 133 · 35	$\begin{array}{c} 132 \cdot 35 \\ 132 \cdot 35 \\ 132 \cdot 10 \\ 132 \cdot 10 \\ 131 \cdot 95 \end{array}$	131·35 131·35 131·35 131·35 131·35	130 · 80 130 · 70 130 · 60 130 · 70 130 · 55	130 · 35 130 · 35 130 · 35 130 · 35 130 · 35	129 · 60 129 · 60 129 · 60 129 · 70 129 · 70	$\begin{array}{c} 129 \cdot 70 \\ 129 \cdot 70 \\ 129 \cdot 70 \\ 129 \cdot 70 \\ 129 \cdot 80 \end{array}$	$\begin{array}{c} 132\cdot 60 \\ 132\cdot 70 \\ 132\cdot 87 \\ 132\cdot 87 \\ 135\cdot 87 \end{array}$
26. 27. 28. 29. 30. -31.	139 · 35 139 · 45 139 · 55 139 · 85 140 · 05	142·70 143·20 143·45 143·80 144·20 144·70	141·80 141·70 141·30 140·85 140·70	133 · 35 133 · 30 133 · 20 133 · 10 133 · 10 133 · 10	131 · 85 131 · 80 131 · 80 131 · 80 131 · 70	131 · 35 131 · 20 131 · 05 131 · 05 131 · 05 131 · 05	130 · 55 130 · 45 130 · 20 130 · 20 130 · 20	$\begin{array}{c} 130 \cdot 35 \\ 130 \cdot 35 \\ 130 \cdot 35 \\ 130 \cdot 35 \\ 130 \cdot 20 \\ 130 \cdot 10 \\ \end{array}$		129·80 129·80 129·85	135·87 136·35 136·70 137·05 137·70 138·10

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1891–92.

ABLE No. 23

	-											0. 2001
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	138·35 138·20 137·85 137·70 137·35	143 · 80 143 · 85 143 · 85 143 · 95 144 · 05	139·05 138·80 138·35 138·10 138·05	133 · 45 133 · 30 133 · 05 132 · 85 132 · 80	134 · 05 134 · 10 134 · 20 134 · 30 134 · 30	132 · 29 132 · 20 132 · 35 132 · 35 132 · 35	130·55 130·35 130·35 130·35 130·30	129 · 85 129 · 80 129 · 80 129 · 80 129 · 70	135-60 135-45 135-20 134-85 134-85	134·85 134·70 134·70 134·60 134·60	132·70 132·35 132·20 131·95 131·80	131-60 131-60 131-55 131-55 131-35
6	137 · 10 126 · 35 135 · 70 135 · 35 135 · 35	$\begin{array}{c} 144\cdot 10 \\ 144\cdot 10 \\ 144\cdot 20 \\ 144\cdot 20 \\ 143\cdot 95 \end{array}$	$\begin{array}{c} 137 \cdot 70 \\ 137 \cdot 35 \\ 137 \cdot 20 \\ 136 \cdot 85 \\ 136 \cdot 70 \end{array}$	$132 \cdot 70$ $132 \cdot 55$ $132 \cdot 35$ $132 \cdot 35$ $132 \cdot 35$	134·30 134·10 133·85 133·70 133·55	$\begin{array}{c} 132 \cdot 35 \\ 132 \cdot 35 \\ 132 \cdot 30 \\ 132 \cdot 20 \\ 132 \cdot 20 \end{array}$	$\begin{array}{c} 129 \cdot 20 \\ 129 \cdot 20 \\ 128 \cdot 35 \\ 128 \cdot 35 \\ 128 \cdot 70 \end{array}$	129-60 129-60 129-55 129-45 129-35	134 · 85 134 · 60 134 · 60 134 · 45 134 · 45	$\begin{array}{c} 134\cdot 60 \\ 134\cdot 55 \\ 134\cdot 35 \\ 134\cdot 20 \\ 134\cdot 20 \end{array}$	131 · 60 131 · 80 131 · 80 131 · 85 131 · 85	131 · 20 131 · 20 130 · 85 130 · 85 130 · 80
11 12 13 14 15	135 · 30 135 · 60 135 · 85 136 · 35 136 · 85	143 · 80 143 · 60 143 · 30 143 · 10 142 · 85	136.55 136.20 136.05 136.05 135.85	$\begin{array}{c} 132 \cdot 35 \\ 132 \cdot 35 \\ 132 \cdot 35 \\ 132 \cdot 30 \\ 132 \cdot 35 \end{array}$	$133 \cdot 55$ $133 \cdot 20$ $133 \cdot 10$ $132 \cdot 85$ $132 \cdot 85$	$\begin{array}{c} 132\cdot 10 \\ 132\cdot 10 \\ 131\cdot 85 \\ 131\cdot 85 \\ 131\cdot 80 \end{array}$	$\begin{array}{c} 128 \cdot 95 \\ 128 \cdot 60 \\ 130 \cdot 35 \\ 130 \cdot 55 \\ 130 \cdot 35 \end{array}$	129·35 129·30 129·30 129·30 129·30	$\begin{array}{c} 134 \cdot 45 \\ 134 \cdot 45 \\ 134 \cdot 35 \\ 134 \cdot 30 \\ 134 \cdot 20 \end{array}$	134 · 10 134 · 05 134 · 05 134 · 05 134 · 05	$\begin{array}{c} 131 \cdot 95 \\ 132 \cdot 05 \\ 132 \cdot 10 \\ 132 \cdot 20 \\ 132 \cdot 20 \end{array}$	130 · 80 130 · 80 130 · 80 130 · 70 130 · 70
16	137 · 85 137 · 85 137 · 85 138 · 35 139 · 35	$\begin{array}{c} 142\cdot 80 \\ 142\cdot 55 \\ 142\cdot 35 \\ 142\cdot 30 \\ 142\cdot 05 \end{array}$	$\begin{array}{c} 135 \cdot 70 \\ 135 \cdot 30 \\ 135 \cdot 20 \\ 135 \cdot 05 \\ 134 \cdot 85 \end{array}$	$\begin{array}{c} 132\cdot 30 \\ 132\cdot 30 \\ 132\cdot 30 \\ 132\cdot 70 \\ 132\cdot 85 \end{array}$	$\begin{array}{c} 132 \cdot 70 \\ 132 \cdot 45 \\ 132 \cdot 35 \\ 132 \cdot 30 \\ 132 \cdot 10 \end{array}$	$\begin{array}{c} 131 \cdot 70 \\ 131 \cdot 80 \\ 131 \cdot 60 \\ 131 \cdot 55 \\ 131 \cdot 70 \end{array}$	130 · 35 130 · 70 130 · 70 130 · 70 130 · 55	129·30 129·45 129·70 129·85 130·05	$\begin{array}{c} 134 \cdot 35 \\ 134 \cdot 35 \\ 134 \cdot 60 \\ 136 \cdot 20 \\ 136 \cdot 20 \end{array}$	133 · 85 133 · 85 133 · 80 133 · 80 133 · 60	$\begin{array}{c} 132 \cdot 20 \\ 132 \cdot 10 \\ 132 \cdot 05 \\ 132 \cdot 05 \\ 132 \cdot 05 \end{array}$	130 · 60 130 · 45 130 · 45 130 · 35 130 · 35
21	139 · 95 140 · 55 141 · 30 141 · 95 142 · 55	141 · 95 141 · 80 141 · 30 141 · 05 140 · 85	$134 \cdot 80$ $134 \cdot 60$ $134 \cdot 60$ $134 \cdot 45$ $134 \cdot 30$	$133 \cdot 20$ $133 \cdot 35$ $133 \cdot 55$ $133 \cdot 70$ $133 \cdot 85$	132.05 132.05 132.10 132.35 132.35	131.70 131.55 131.35 132.35 131.35	130 · 55 130 · 45 130 · 45 130 · 35 130 · 35	$130 \cdot 35$ $130 \cdot 85$ $131 \cdot 55$ $132 \cdot 05$ $132 \cdot 85$	135 · 35 134 · 35 134 · 35 134 · 35 134 · 35	133 · 55 133 · 35 133 · 20 133 · 20 133 · 10	131 · 85 131 · 70 131 · 70 131 · 70 131 · 60	130 · 35 130 · 30 130 · 30 130 · 20 130 · 20
26	143 · 10 143 · 95 143 · 85 143 · 85 143 · 85	140 · 70 140 · 35 140 · 05 139 · 70 139 · 55 139 · 30	134·10 134·05 133·80 133·80 133·60	$\begin{array}{c} 134\cdot05\\ 134\cdot20\\ 134\cdot20\\ 134\cdot20\\ 134\cdot20\\ 134\cdot20\\ 134\cdot20\\ \end{array}$	$\begin{array}{c} 132 \cdot 55 \\ 132 \cdot 55 \\ 132 \cdot 55 \\ 132 \cdot 30 \\ 132 \cdot 30 \\ 132 \cdot 30 \end{array}$	131·20 131·05 130·85 130·60 130·55	130 · 35 130 · 35 130 · 20 130 · 20 130 · 20 129 · 95	133 · 35 133 · 85 134 · 80 135 · 20 135 · 35	$\begin{array}{c} 134 \cdot 70 \\ 134 \cdot 85 \\ 135 \cdot 20 \\ 135 \cdot 05 \\ 135 \cdot 05 \\ 135 \cdot 05 \end{array}$	133 · 10 133 · 05 133 · 05 132 · 95 132 · 95 132 · 85	131 · 60 131 · 35 131 · 35 131 · 35	$\begin{array}{c} 130 \cdot 10 \\ 130 \cdot 10 \\ 130 \cdot 10 \\ 130 \cdot 20 \\ 130 \cdot 20 \\ 130 \cdot 45 \end{array}$

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1892-93.

TABLE No. 236.

									1.8	BLF, NO	. 236.
1	130 · 45 131 · 30 132 · 85 134 · 80 136 · 45	135·10 133 135·35 133 135·35 133	i-95 137 · 20 i-85 137 · 10 i-85 136 · 95 i-95 136 · 85 i-10 136 · 45	131 · 85 131 · 85 131 · 70	131 · 20 130 · 85 130 · 70 130 · 60 130 · 55	130 · 85 130 · 85 130 · 95 130 · 95 130 · 85	$130 \cdot 35$	134 · 05 133 · 85 133 · 80 133 · 85 133 · 85	131 · 55 131 · 55 131 · 55 131 · 55 131 · 55	130 · 35 130 · 35 130 · 20 130 · 20 129 · 85	129·55 129·45 129·45 129·45 129·45
6	$\begin{array}{c} 137 \cdot 35 \\ 137 \cdot 60 \\ 137 \cdot 30 \\ 136 \cdot 85 \\ 136 \cdot 85 \end{array}$	135 · 55 130 135 · 70 130 135 · 85 130	i·30 136·10 i·35 135·80 i·35 135·60 i·35 135·45 i·35 135·30	131·70 131·60 131·55	$\begin{array}{c} 130 \cdot 45 \\ 130 \cdot 35 \\ 130 \cdot 20 \\ 130 \cdot 20 \\ 130 \cdot 10 \end{array}$	130 · 85 130 · 80 130 · 80 130 · 80 130 · 80	130 · 35 130 · 45 130 · 45 130 · 45 130 · 45	$\begin{array}{c} 133 \cdot 85 \\ 133 \cdot 80 \\ 133 \cdot 80 \\ 133 \cdot 80 \\ 133 \cdot 55 \end{array}$	131 · 55 131 · 55 131 · 45 131 · 45 131 · 35	129 · 85 129 · 85 129 · 85 129 · 85 129 · 85	129 · 45 129 · 35 129 · 35 129 · 30 129 · 10
11	$\begin{array}{c} 136 \cdot 85 \\ 136 \cdot 60 \\ 136 \cdot 30 \\ 136 \cdot 05 \\ 135 \cdot 80 \end{array}$	136·30 130 136·30 130 136·30 13	5·35 135·05 5·20 134·70 6·05 134·45 6·95 134·30 6·85 134·05	131 · 85 131 · 85 131 · 85	$\begin{array}{c} 130 \cdot 10 \\ 130 \cdot 05 \\ 129 \cdot 85 \\ 129 \cdot 70 \\ 129 \cdot 70 \end{array}$	$\begin{array}{c} 130\cdot 80 \\ 130\cdot 80 \\ 130\cdot 80 \\ 130\cdot 80 \\ 130\cdot 80 \end{array}$	130 · 45 130 · 45 130 · 45 130 · 45 130 · 45	$\begin{array}{c} 133 \cdot 10 \\ 132 \cdot 85 \\ 132 \cdot 70 \\ 132 \cdot 55 \\ 132 \cdot 45 \end{array}$	131 · 35 131 · 35 131 · 35 131 · 30 131 · 10	129 · 85 129 · 85 129 · 85 129 · 85 129 · 85	$\begin{array}{c} 129\cdot 10 \\ 129\cdot 20 \\ 129\cdot 35 \\ 129\cdot 35 \\ 129\cdot 55 \end{array}$
16 17 18 19 20.	135 · 35 135 · 10 134 · 70 134 · 35 134 · 10	136·10 13 136·10 13 136·35 13	i·70 133·80 i·80 133·60 i·80 133·35 i·80 133·20 i·20 132·85	132 · 20 132 · 30 132 · 35	$\begin{array}{c} 129\cdot 55 \\ 129\cdot 55 \\ 129\cdot 55 \\ 129\cdot 45 \\ 129\cdot 85 \end{array}$	130 · 80 130 · 85 130 · 85 130 · 85 133 · 85	$\begin{array}{c} 130 \cdot 70 \\ 131 \cdot 35 \\ 131 \cdot 95 \\ 132 \cdot 70 \\ 133 \cdot 30 \end{array}$	$\begin{array}{c} 132 \cdot 35 \\ 132 \cdot 30 \\ 132 \cdot 20 \\ 132 \cdot 20 \\ 132 \cdot 20 \end{array}$	$\begin{array}{c} 130 \cdot 95 \\ 130 \cdot 85 \\ 130 \cdot 70 \\ 130 \cdot 60 \\ 130 \cdot 55 \end{array}$	$\begin{array}{c} 129 \cdot 85 \\ 129 \cdot 85 \\ 129 \cdot 85 \\ 129 \cdot 70 \\ 129 \cdot 70 \end{array}$	$\begin{array}{c} 129 \cdot 55 \\ 129 \cdot 60 \\ 129 \cdot 60 \\ 129 \cdot 60 \\ 129 \cdot 55 \end{array}$
21 22 23 24 25	133 · 80 133 · 60 133 · 35 133 · 55 133 · 70	136·55 13 136·55 13 136·45 13	7 · 85 132 · 80 7 · 05 132 · 70 7 · 20 132 · 70 7 · 30 132 · 70 7 · 35 132 · 70	132·10 132·10 131·95	$130 \cdot 30$ $130 \cdot 55$ $130 \cdot 70$ $130 \cdot 80$ $130 \cdot 80$	$\begin{array}{c} 130\cdot 80 \\ 130\cdot 70 \\ 130\cdot 60 \\ 130\cdot 60 \\ 130\cdot 55 \end{array}$	$\begin{array}{c} 133 \cdot 70 \\ 134 \cdot 20 \end{array}$	$132 \cdot 10$ $132 \cdot 05$ $131 \cdot 95$ $131 \cdot 85$ $131 \cdot 85$	130 · 55 130 · 45 130 · 35 130 · 35 130 · 35	129 · 70 129 · 70 129 · 60 129 · 60 129 · 60	$\begin{array}{c} 129 \cdot 55 \\ 129 \cdot 60 \\ 129 \cdot 60 \\ 129 \cdot 70 \\ 129 \cdot 70 \end{array}$
26	133 · 85 134 · 10 134 · 35 134 · 45 134 · 60	136·35 13 136·20 13 136·20 13 136·20 13	7·45 132·55 7·45 132·45 7·45 132·35 7·35 132·35 7·35 132·36 132·16	132 · 20 131 · 85 131 · 60 131 · 60	130 · 80 130 · 80 130 · 85 130 · 85 130 · 85	130 · 55 130 · 35 130 · 35 130 · 35 130 · 35 130 · 35	134 · 20 134 · 10 134 · 10 134 · 10 134 · 10	131 · 80 131 · 70 131 · 70 131 · 60 131 · 60 131 · 60	$130 \cdot 20$ $130 \cdot 20$ $130 \cdot 20$ $130 \cdot 35$ $130 \cdot 45$ $130 \cdot 55$	129 · 60 129 · 60 129 · 55	129 · 85 130 · 35 130 · 80 131 · 20 131 · 60 131 · 85

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Rideau Locks for 1893-94.

Table No. 237.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	132·05 132·20 132·55 132·70 132·85	136 · 60 136 · 85 137 · 35 138 · 10 139 · 85	145 · 20 144 · 85 144 · 60 144 · 35 144 · 20	138 · 35 138 · 30 138 · 10 137 · 95 137 · 70	133 · 45 133 · 45 133 · 35 133 · 20 133 · 10	132·45 132·30 131·70 131·35 131·30	130 · 20 130 · 20 130 · 20 130 · 30 130 · 30	131-60 131-60 131-60 131-60 131-60	130 · 85 130 · 85 130 · 80 130 · 80 130 · 80	130 · 85 130 · 80 130 · 80 130 · 80 130 · 80	130 · 60 130 · 60 130 · 55 130 · 55 130 · 45	130·35 130·35 130·35 130·35 130·35
6	133 · 20 133 · 35 133 · 55 133 · 85 134 · 55	140 · 85 141 · 55 142 · 20 142 · 45 142 · 70	143 · 95 143 · 85 143 · 85 143 · 85 143 · 95	137 · 35 137 · 35 137 · 20 137 · 05 136 · 95	$133 \cdot 20$ $133 \cdot 30$ $133 \cdot 10$ $132 \cdot 95$ $132 \cdot 85$	$\begin{array}{c} 130 \cdot 95 \\ 130 \cdot 80 \\ 130 \cdot 80 \\ 130 \cdot 80 \\ 130 \cdot 60 \end{array}$	130 · 30 130 · 35 130 · 35 130 · 35 130 · 45	131 · 60 131 · 60 131 · 60 131 · 60 131 · 55	130 · 80 130 · 80 130 · 80 130 · 85 131 · 10	$\begin{array}{c} 130\cdot 80 \\ 130\cdot 70 \end{array}$	130 · 45 130 · 45 130 · 45 130 · 45 130 · 45	130 · 35 130 · 35 132 · 35 133 · 45 134 · 05
11	134 · 85 135 · 20 135 · 05 135 · 30 135 · 30	142.85 143.05 143.10 143.35 143.70	143 · 85 143 · 60 143 · 30 142 · 85 142 · 45	$136 \cdot 80$ $136 \cdot 60$ $136 \cdot 45$ $136 \cdot 35$ $136 \cdot 30$	$\begin{array}{c} 132\cdot 70 \\ 132\cdot 35 \\ 132\cdot 30 \\ 132\cdot 20 \\ 132\cdot 05 \end{array}$	$130 \cdot 55$ $130 \cdot 55$ $130 \cdot 45$ $130 \cdot 35$ $130 \cdot 20$	130 · 45 130 · 55 130 · 45 130 · 35 130 · 35	131 · 55 131 · 55 131 · 55 131 · 35 131 · 30	131 · 10 131 · 05 130 · 95 130 · 85 130 · 85	$\begin{array}{c} 130 \cdot 70 \\ 130 \cdot 70 \end{array}$	130 · 45 130 · 45 130 · 45 130 · 45 130 · 45	134 · 60 135 · 20 136 · 10 136 · 45 136 · 45
16	135·30 135·30 135·30 135·55 135·70	143 · 85 144 · 95 146 · 20 147 · 20 147 · 70	142 · 10 141 · 85 141 · 55 141 · 20 140 · 85	136 · 10 135 · 95 135 · 80 135 · 60 135 · 45	131 · 85 131 · 80 131 · 70 131 · 55 131 · 45	130 · 10 130 · 05 130 · 05 130 · 05 129 · 95	130 · 35 130 · 45 130 · 55 130 · 55 130 · 85	131 · 10 131 · 10 130 · 95 130 · 85 130 · 85	130 · 80 130 · 80 130 · 70 130 · 70 130 · 70	130 · 70 130 · 70 130 · 70 130 · 70 130 · 60	$130 \cdot 45$ $130 \cdot 45$ $130 \cdot 45$ $130 \cdot 55$ $130 \cdot 55$	136 · 45 135 · 85 136 · 10 136 · 35 136 · 70
21	136 · 20 136 · 70 137 · 05 137 · 35 137 · 20	148.05 148.20 148.35 148.35 147.95	140 · 55 140 · 30 140 · 30 139 · 85 139 · 70	135·30 135·10 134·95 134·80 134·60	131 · 35 131 · 30 131 · 30 131 · 30 131 · 20	129 · 85 129 · 85 129 · 85 129 · 85 129 · 85	130 · 80 130 · 80 130 · 85 130 · 85 131 · 35	130 · 80 130 · 80 130 · 70 130 · 70 130 · 60	130 · 70 130 · 80 130 · 80 130 · 80 130 · 80	130 · 60 130 · 60 130 · 60 130 · 60 130 · 60	$130 \cdot 55$ $130 \cdot 55$ $130 \cdot 55$ $130 \cdot 55$ $130 \cdot 45$	138 · 10 138 · 10 137 · 95 137 · 70 137 · 35
26. 27. 28. 29. 30. 31.	137-05 136-70 136-70 136-70 136-60	147 · 35 146 · 35 146 · 20 145 · 85 145 · 70 145 · 55	139 · 45 139 · 30 139 · 05 138 · 85 138 · 70	134 · 45 134 · 35 134 · 20 134 · 10 133 · 95 133 · 85	131 · 10 130 · 95 130 · 85 130 · 85 132 · 85 132 · 85	129 · 85 129 · 85 129 · 85 130 · 05 130 · 20	131 · 35 131 · 45 131 · 55 131 · 60 131 · 60 131 · 60	130 · 60 130 · 70 130 · 70 130 · 80 130 · 80	130 · 80 130 · 85 130 · 85 130 · 85 130 · 85 130 · 85	$\begin{array}{c} 130\cdot 60 \\ 130\cdot 60 \end{array}$	130 · 45 130 · 45 130 · 45	137 · 85 136 · 85 136 · 85 136 · 70 135 · 85 135 · 55

Elevations above M S.L. of Ottawa River at Rideau Locks for 1894-95.

ELEVATIO	NS an	OVE IN	1 10.14.	or o	ttawa	Itive.	ı atı	incac	LOCE			
										TAB	LE No.	238.
1	135 · 30 135 · 10 134 · 95 134 · 70 134 · 80	144·35 144·35 144·35 144·35 144·35	$\begin{array}{c} 140\cdot 05 \\ 139\cdot 85 \\ 140\cdot 05 \\ 140\cdot 35 \\ 140\cdot 20 \end{array}$	$\begin{array}{c} 136 \cdot 95 \\ 136 \cdot 60 \\ 136 \cdot 45 \\ 136 \cdot 20 \\ 136 \cdot 10 \end{array}$	132 · 10 131 · 85 131 · 85 131 · 85 131 · 80	$\begin{array}{c} 129\cdot 80 \\ 129\cdot 60 \\ 129\cdot 45 \\ 129\cdot 35 \\ 129\cdot 30 \end{array}$	128 · 85 128 · 85 128 · 85 129 · 30 129 · 95	132 · 35 132 · 70 132 · 70 132 · 85 133 · 05	$\begin{array}{c} 132 \cdot 35 \\ 132 \cdot 55 \\ 132 \cdot 70 \\ 132 \cdot 85 \\ 133 \cdot 20 \end{array}$	$133 \cdot 10$ $133 \cdot 10$ $133 \cdot 05$ $132 \cdot 95$ $132 \cdot 85$	131 · 05 130 · 95 130 · 95 130 · 95 130 · 85	$\begin{array}{c} 129 \cdot 85 \\ 129 \cdot 85 \\ 129 \cdot 80 \\ 129 \cdot 70 \\ 129 \cdot 70 \end{array}$
6	134 · 80 134 · 70 134 · 70 134 · 70 134 · 70	144 · 35 144 · 35 144 · 20 144 · 10 144 · 10	$\begin{array}{c} 140\cdot 10 \\ 140\cdot 05 \\ 139\cdot 80 \\ 139\cdot 55 \\ 139\cdot 35 \end{array}$	$\begin{array}{c} 136 \cdot 30 \\ 136 \cdot 55 \\ 136 \cdot 85 \\ 136 \cdot 70 \\ 136 \cdot 55 \end{array}$	131 · 60 131 · 55 131 · 35 131 · 35 131 · 30	$\begin{array}{c} 129 \cdot 20 \\ 129 \cdot 10 \\ 129 \cdot 05 \\ 129 \cdot 05 \\ 129 \cdot 05 \end{array}$	$\begin{array}{c} 130 \cdot 20 \\ 130 \cdot 35 \\ 130 \cdot 35 \\ 130 \cdot 35 \\ 130 \cdot 35 \end{array}$	133 · 20 133 · 35 133 · 60 133 · 85 134 · 05	$\begin{array}{c} 133 \cdot 20 \\ 133 \cdot 10 \\ 132 \cdot 85 \\ 132 \cdot 80 \\ 132 \cdot 80 \end{array}$	$\begin{array}{c} 132 \cdot 85 \\ 132 \cdot 85 \\ 132 \cdot 80 \\ 132 \cdot 80 \\ 132 \cdot 70 \end{array}$	130 · 85 130 · 85 130 · 85 130 · 70 130 · 70	$\begin{array}{c} 129 \cdot 70 \\ 129 \cdot 70 \end{array}$
11	134 · 70 134 · 70 134 · 70 134 · 85 134 · 95	144 · 05 143 · 85 143 · 60 143 · 30 142 · 80	$\begin{array}{c} 139 \cdot 20 \\ 139 \cdot 05 \\ 138 \cdot 70 \\ 138 \cdot 35 \\ 138 \cdot 10 \end{array}$	$\begin{array}{c} 136 \cdot 45 \\ 136 \cdot 35 \\ 136 \cdot 20 \\ 136 \cdot 10 \\ 135 \cdot 95 \end{array}$	131 · 20 131 · 10 131 · 05 130 · 95 130 · 80	$\begin{array}{c} 128 \cdot 95 \\ 128 \cdot 85 \end{array}$	130 · 35 130 · 35 130 · 45 130 · 55 130 · 70	134 · 10 133 · 80 133 · 70 133 · 55 133 · 45	$\begin{array}{c} 132 \cdot 85 \\ 132 \cdot 85 \\ 132 \cdot 95 \\ 133 \cdot 05 \\ 133 \cdot 05 \end{array}$	$\begin{array}{c} 132\cdot 70 \\ 132\cdot 55 \\ 132\cdot 35 \\ 132\cdot 30 \\ 132\cdot 20 \end{array}$	$\begin{array}{c} 130 \cdot 55 \\ 130 \cdot 55 \\ 130 \cdot 55 \\ 130 \cdot 55 \\ 130 \cdot 55 \end{array}$	$\begin{array}{c} 129 \cdot 70 \\ 129 \cdot 80 \end{array}$
16	135·35 135·60 136·35 137·10 137·85	$\begin{array}{c} 142 \cdot 30 \\ 141 \cdot 80 \\ 141 \cdot 35 \\ 141 \cdot 20 \\ 141 \cdot 20 \end{array}$	$\begin{array}{c} 137 \cdot 80 \\ 137 \cdot 60 \\ 137 \cdot 35 \\ 137 \cdot 45 \\ 138 \cdot 20 \end{array}$	$\begin{array}{c} 135 \cdot 80 \\ 135 \cdot 45 \\ 135 \cdot 20 \\ 135 \cdot 10 \\ 134 \cdot 85 \end{array}$	$\begin{array}{c} 130 \cdot 70 \\ 130 \cdot 60 \\ 130 \cdot 55 \\ 130 \cdot 55 \\ 130 \cdot 45 \end{array}$	$\begin{array}{c} 128 \cdot 85 \\ 129 \cdot 05 \\ 128 \cdot 95 \\ 128 \cdot 95 \\ 138 \cdot 95 \end{array}$	$\begin{array}{c} 130 \cdot 85 \\ 131 \cdot 20 \\ 131 \cdot 55 \\ 131 \cdot 85 \\ 132 \cdot 20 \end{array}$	$\begin{array}{c} 133 \cdot 35 \\ 133 \cdot 30 \\ 133 \cdot 30 \\ 133 \cdot 30 \\ 133 \cdot 20 \end{array}$	$\begin{array}{c} 133 \cdot 10 \\ 133 \cdot 10 \\ 133 \cdot 10 \\ 133 \cdot 10 \\ 133 \cdot 10 \end{array}$	$\begin{array}{c} 132 \cdot 10 \\ 132 \cdot 05 \\ 131 \cdot 95 \\ 131 \cdot 80 \\ 131 \cdot 60 \end{array}$	$\begin{array}{c} 130 \cdot 45 \\ 130 \cdot 45 \\ 130 \cdot 45 \\ 130 \cdot 35 \\ 130 \cdot 35 \end{array}$	$\begin{array}{c} 129\cdot 80 \\ 129\cdot 80 \end{array}$
21 22 23 24 25	138 · 05 138 · 20 139 · 05 139 · 85 140 · 85	$\begin{array}{c} 141 \cdot 20 \\ 141 \cdot 05 \\ 140 \cdot 70 \\ 140 \cdot 55 \\ 140 \cdot 55 \end{array}$	$\begin{array}{c} 138 \cdot 45 \\ 138 \cdot 35 \\ 138 \cdot 20 \\ 137 \cdot 95 \\ 137 \cdot 70 \end{array}$	$\begin{array}{c} 134 \cdot 70 \\ 134 \cdot 55 \\ 134 \cdot 35 \\ 134 \cdot 20 \\ 133 \cdot 70 \end{array}$	130 · 45 130 · 45 130 · 45 130 · 45 130 · 45	$\begin{array}{c} 129 \cdot 20 \\ 129 \cdot 45 \\ 129 \cdot 35 \\ 129 \cdot 30 \\ 129 \cdot 20 \\ \end{array}$	$\begin{array}{c} 132 \cdot 35 \\ 132 \cdot 55 \\ 132 \cdot 70 \\ 132 \cdot 70 \\ 132 \cdot 70 \end{array}$	133 · 05 1 · 2 · 85 132 · 85 132 · 85 132 · 80	$\begin{array}{c} 133 \cdot 20 \\ 133 \cdot 20 \end{array}$	131 · 45 131 · 35 131 · 55 131 · 70 131 · 60	$\begin{array}{c} 130 \cdot 30 \\ 130 \cdot 30 \\ 130 \cdot 20 \\ 130 \cdot 20 \\ 130 \cdot 05 \end{array}$	$\begin{array}{c} 129.85 \\ 129.85 \\ 129.85 \\ 129.95 \\ 130.05 \end{array}$
26 27 28 29 30 31	141·70 142·55 143·55 143·85 144·10	$\begin{array}{c} 140 \cdot 35 \\ 140 \cdot 20 \\ 140 \cdot 05 \end{array}$	137 · 60 137 · 55 137 · 70 137 · 35 137 · 20	133 · 35 133 · 20 132 · 80 132 · 60 132 · 35 132 · 30	$\begin{array}{c} 130 \cdot 35 \\ 130 \cdot 30 \\ 130 \cdot 20 \\ 130 \cdot 10 \\ 130 \cdot 05 \\ 129 \cdot 95 \end{array}$	129 · 20 129 · 20 129 · 10 129 · 05 128 · 95	$\begin{array}{c} 132 \cdot 70 \\ 132 \cdot 70 \\ 132 \cdot 60 \\ 132 \cdot 55 \\ 132 \cdot 45 \\ 132 \cdot 35 \end{array}$	132 · 80 132 · 60 132 · 55 132 · 45 132 · 35	$\begin{array}{c} 133 \cdot 10 \\ 133 \cdot 10 \end{array}$	$\begin{array}{c} 131 \cdot 55 \\ 131 \cdot 35 \\ 131 \cdot 30 \\ 131 \cdot 20 \\ 131 \cdot 10 \\ 131 \cdot 10 \end{array}$	129·85 129·85 129·85	$\begin{array}{c} 130 \cdot 05 \\ \end{array}$

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1895-96.

TABLE No. 239.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	130 · 05 130 · 10 130 · 10 130 · 10 130 · 10	140 · 80 140 · 70 140 · 60 140 · 55 140 · 80	138 · 95 139 · 10 139 · 10 139 · 20 139 · 35	135·55 135·20 134·95 134·60 134·35	130 · 95 130 · 85 130 · 80 130 · 85 130 · 85	131·35 131·30 131·10 130·85 130·80	129·35 129·35 129·30 129·30 129·20	128 · 70 128 · 70 128 · 60 128 · 55 128 · 45	130 · 55 130 · 85 131 · 10 131 · 30 131 · 45	136·35 137·35 137·55 137·10 136·85	133 · 20 133 · 05 132 · 85 132 · 85 132 · 85	131·35 131·55 131·55 131·45 131·35
6	130 · 10 131 · 10 132 · 85 134 · 35 136 · 20	$\begin{array}{c} 141\cdot 10 \\ 141\cdot 30 \\ 141\cdot 70 \\ 142\cdot 10 \\ 142\cdot 55 \end{array}$	139 · 35 139 · 35 139 · 30 139 · 30 139 · 30	$\begin{array}{c} 134 \cdot 20 \\ 134 \cdot 05 \\ 133 \cdot 85 \\ 133 \cdot 60 \\ 133 \cdot 35 \end{array}$	130 · 85 130 · 85 130 · 95 130 · 95 130 · 95	$\begin{array}{c} 130\cdot 70 \\ 130\cdot 60 \\ 130\cdot 55 \\ 130\cdot 45 \\ 130\cdot 35 \end{array}$	$\begin{array}{c} 129\cdot 20 \\ 129\cdot 30 \\ 129\cdot 35 \\ 129\cdot 35 \\ 129\cdot 45 \end{array}$	128 · 45 128 · 45 128 · 55 128 · 70 128 · 85	131·55 131·55 131·45 131·35 131·30	136·55 136·35 136·35 136·20 136·05	132 · 85 132 · 80 132 · 80 132 · 80 132 · 80	131 · 35 131 · 35 131 · 35 131 · 55 131 · 70
11 12 13 14 14	136·35 136·35 136·30 136·35 136·95	142.95 142.95 142.80 142.70 142.55	139 · 30 139 · 20 139 · 05 138 · 85 138 · 80	133 · 20 133 · 05 132 · 95 132 · 85 132 · 80	130 · 95 131 · 10 131 · 20 131 · 10 131 · 10	130 · 30 130 · 30 130 · 35 130 · 35 130 · 35	$\begin{array}{c} 129\cdot 60 \\ 129\cdot 60 \\ 129\cdot 60 \\ 129\cdot 60 \\ 129\cdot 55 \end{array}$	$\begin{array}{c} 129 \cdot 10 \\ 129 \cdot 30 \\ 129 \cdot 45 \\ 129 \cdot 55 \\ 129 \cdot 60 \end{array}$	131 · 20 131 · 05 130 · 80 130 · 55 130 · 45	135 · 85 135 · 60 135 · 35 135 · 20 135 · 05	$132 \cdot 80$ $132 \cdot 70$ $132 \cdot 60$ $132 \cdot 60$ $132 \cdot 55$	131.85 131.85 131.85 131.85 131.85
16	137 · 05 137 · 05 137 · 30 137 · 45 137 · 95	142 · 30 142 · 05 141 · 80 141 · 30 140 · 70	138·70 136·55 138·35 138·35 138·30	$\begin{array}{c} 132\cdot 70 \\ 132\cdot 60 \\ 132\cdot 35 \\ 132\cdot 30 \\ 132\cdot 05 \end{array}$	$\begin{array}{c} 131 \cdot 10 \\ 131 \cdot 20 \\ 131 \cdot 20 \\ 131 \cdot 20 \\ 131 \cdot 20 \end{array}$	130 · 35 130 · 35 130 · 30 130 · 30 130 · 20	$\begin{array}{c} 129 \cdot 45 \\ 129 \cdot 30 \\ 129 \cdot 20 \\ 129 \cdot 10 \\ 129 \cdot 10 \end{array}$	129 · 70 129 · 80 129 · 85 130 · 05 130 · 20	130 · 20 130 · 10 130 · 05 130 · 05 130 · 05	134 · 85 134 · 70 134 · 55 134 · 35 134 · 20	132 · 55 132 · 45 132 · 35 132 · 35 132 · 35	131 · 85 131 · 85 131 · 85 131 · 85 131 · 85
21 22 23 24 25	138 · 35 138 · 85 139 · 10 139 · 35 139 · 60	$\begin{array}{c} 140 \cdot 20 \\ 140 \cdot 04 \\ 139 \cdot 80 \\ 139 \cdot 60 \\ 139 \cdot 55 \end{array}$	138 · 05 137 · 55 137 · 30 136 · 95 136 · 80	131 · 95 131 · 85 131 · 80 131 · 70 131 · 55	131 · 20 131 · 20 131 · 20 131 · 35 131 · 55	130 · 10 129 · 95 129 · 85 129 · 80 129 · 60	$\begin{array}{c} 129\cdot 10 \\ 129\cdot 10 \\ 129\cdot 10 \\ 128\cdot 95 \\ 128\cdot 95 \end{array}$	$\begin{array}{c} 130 \cdot 20 \\ 130 \cdot 20 \\ 130 \cdot 20 \\ 130 \cdot 20 \\ 130 \cdot 30 \end{array}$	130 · 10 130 · 45 130 · 55 130 · 85 131 · 30	134 · 10 134 · 05 134 · 05 133 · 85 133 · 85	132·35 132·35 132·30 132·20 132·05	131 · 85 131 · 85 131 · 85 131 · 85 131 · 85
26 27 28 29 30	140 · 10 140 · 55 140 · 60 140 · 80 140 · 80	139·30 139·10 138·95 138·85 138·85 138·85	$136 \cdot 55$ $136 \cdot 45$ $136 \cdot 30$ $136 \cdot 12$ $135 \cdot 80$	131·45 131·35 131·30 131·20 131·10 131·05	131 · 70 131 · 80 131 · 60 131 · 55 131 · 55 131 · 45	$\begin{array}{c} 129 \cdot 55 \\ 129 \cdot 45 \\ 129 \cdot 35 \\ 129 \cdot 35 \\ 129 \cdot 55 \end{array}$	128 · 95 128 · 95 128 · 85 128 · 80 128 · 70 128 · 70	$\begin{array}{c} 130 \cdot 35 \\ 130 \cdot 35 \\ 130 \cdot 30 \\ 130 \cdot 30 \\ 130 \cdot 30 \end{array}$	132·30 133·55 134·55 135·30 135·55 135·85		131·85 131·70 131·55 131·35	132.05 132.05 131.85 131.85 131.85 131.85

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1896-97.

BABLE No. 240.

4										Des	DISIS IVE	, 2TO.
1	131-85 131-85 131-85 131-85 131-85	143 · 55 143 · 45 143 · 35 143 · 20 143 · 10	137-80 137-85 137-85 137-95 137-95	134 · 05 133 · 85 133 · 70 133 · 55 133 · 70	132 · 20 132 · 05 131 · 95 131 · 80 131 · 70	130 · 20 130 · 20 130 · 30 130 · 30 130 · 20	$\begin{array}{c} 130 \cdot 10 \\ 130 \cdot 20 \\ 130 \cdot 30 \\ 130 \cdot 35 \\ 130 \cdot 55 \end{array}$	130 · 95 130 · 95 130 · 95 130 · 95 131 · 05	135 · 80 135 · 80 135 · 85 135 · 95 135 · 85	134 · 85 134 · 85 134 · 70 134 · 55 134 · 35	132 · 60 132 · 60 132 · 60 132 · 60 132 · 55	132 · 70 132 · 70 132 · 70 132 · 70 132 · 70
6	$\begin{array}{c} 131.85 \\ 131.85 \\ 132.05 \\ 132.20 \\ 133.35 \end{array}$	$143 \cdot 10$ $143 \cdot 10$ $143 \cdot 05$ $143 \cdot 05$ $142 \cdot 85$	$\begin{array}{c} 138\cdot 05 \\ 138\cdot 10 \\ 138\cdot 20 \\ 138\cdot 35 \\ 138\cdot 55 \end{array}$	133 · 85 133 · 80 133 · 80 133 · 80 153 · 70	131 · 60 131 · 55 131 · 35 131 · 20 131 · 05	$\begin{array}{c} 130 \cdot 20 \\ 130 \cdot 20 \\ 130 \cdot 10 \\ 130 \cdot 05 \\ 129 \cdot 95 \end{array}$	130 · 70 130 · 80 130 · 85 130 · 95 131 · 05	$\begin{array}{c} 131.80 \\ 132.55 \\ 133.20 \\ 133.60 \\ 133.70 \end{array}$	135·85 135·70 135·45 135·35 135·30	$\begin{array}{c} 134 \cdot 20 \\ 133 \cdot 95 \\ 133 \cdot 70 \\ 133 \cdot 35 \\ 133 \cdot 30 \end{array}$	132 · 55 132 · 55 132 · 55 132 · 55 132 · 55	$\begin{array}{c} 132 \cdot 70 \\ 132 \cdot 70 \end{array}$
11	$\begin{array}{c} 134 \cdot 55 \\ 135 \cdot 69 \\ 136 \cdot 70 \\ 138 \cdot 55 \\ 140 \cdot 55 \end{array}$	$\begin{array}{c} 142 \cdot 80 \\ 142 \cdot 60 \\ 142 \cdot 35 \\ 142 \cdot 10 \\ 141 \cdot 85 \end{array}$	$\begin{array}{c} 138 \cdot 70 \\ 138 \cdot 70 \\ 138 \cdot 55 \\ 138 \cdot 35 \\ 138 \cdot 20 \end{array}$	133 · 70 133 · 70 133 · 70 133 · 70 133 · 60	130 · 70 130 · 35 130 · 35 130 · 30 . 130 · 30	129·85 129·70 129·35 129·10 129·10	131 · 05 131 · 10 131 · 20 131 · 20 131 · 30	134·05 134·35 134·55 134·70 124·70	135 · 20 135 · 10 135 · 05 134 · 95 134 · 85	133 · 20 133 · 10 133 · 05 133 · 05 132 · 95	132 · 55 132 · 55 132 · 55 132 · 60 132 · 60	$\begin{array}{c} 132 \cdot 70 \\ 132 \cdot 80 \\ 132 \cdot 80 \\ 132 \cdot 80 \\ 132 \cdot 80 \end{array}$
16	$\begin{array}{c} 140.85 \\ 140.85 \\ 140.85 \\ 140.85 \\ 141.35 \end{array}$	$\begin{array}{c} 141 \cdot 45 \\ 141 \cdot 35 \\ 140 \cdot 85 \\ 140 \cdot 30 \\ 140 \cdot 05 \end{array}$	137 · 85 137 · 55 137 · 20 136 · 85 136 · 55	133 · 60 133 · 55 133 · 35 133 · 35 133 · 35	130 · 30 130 · 20 130 · 20 130 · 10 130 · 10	$\begin{array}{c} 129\cdot05 \\ 128\cdot95 \\ 128\cdot95 \\ 128\cdot85 \\ 129\cdot10 \end{array}$	131·30 131·30 131·30 131·30 131·30	134 · 80 134 · 85 134 · 85 134 · 85 134 · 85	134 · 80 134 · 80 134 · 70 134 · 70 134 · 80	132 · 95 132 · 85 132 · 80 132 · 80 132 · 80	132 · 60 132 · 60 132 · 60 132 · 60 132 · 60	132 · 70 132 · 70 132 · 70 132 · 80 132 · 80
21	143 · 60 144 · 35 146 · 70 147 · 70 147 · 70	139 · 80 139 · 55 139 · 30 139 · 05 138 · 80	136 · 35 136 · 20 135 · 80 135 · 55 135 · 35	133 · 35 133 · 30 133 · 20 133 · 05 132 · 85	$\begin{array}{c} 130 \cdot 05 \\ 129 \cdot 95 \\ 130 \cdot 05 \\ 130 \cdot 20 \\ 130 \cdot 35 \end{array}$	$\begin{array}{c} 129 \cdot 35 \\ 129 \cdot 70 \\ 129 \cdot 80 \\ 129 \cdot 85 \\ 129 \cdot 95 \end{array}$	131·30 131·30 131·20 131·10 131·05	134 · 85 135 · 20 135 · 55 135 · 85 136 · 05	134 · 80 124 · 85 134 · 85 134 · 85 134 · 80	132·70 132·70 132·70 132·70 132·70	132 · 60 132 · 60 132 · 60 132 · 60 132 · 60	132 · 85 133 · 35 133 · 60 134 · 55 134 · 35
26	146 · 20 144 · 80 144 · 10 143 · 80 143 · 60	138 · 45 138 · 30 138 · 10 138 · 05 137 · 95 137 · 85	135 · 10 134 · 85 134 · 60 134 · 45 134 · 30	$\begin{array}{c} 132 \cdot 70 \\ 132 \cdot 55 \\ 132 \cdot 45 \\ 132 \cdot 35 \\ 132 \cdot 30 \\ 132 \cdot 20 \end{array}$	130 · 55 130 · 55 130 · 45 130 · 35 130 · 30 130 · 20	129 · 95 130 · 05 130 · 05 130 · 10 130 · 10	$\begin{array}{c} 130 \cdot 95 \\ 130 \cdot 95 \\ 130 \cdot 85 \\ 130 \cdot 85 \\ 130 \cdot 85 \\ 130 \cdot 95 \end{array}$	136·10 136·04 135·85 135·80 135·70	134 · 80 134 · 80 134 · 80 134 · 80 134 · 80 134 · 85	132 - 70	132-60 132-55 132-55	134·10 133·80 133·85 134·05 133·60 134·05

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1897-98.

TABLE No. 241.

131-80

131 - 80

131 - 80

132·10 132·05 131 - 80

132.05

				THE PERSON NAMED IN			-					
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	135 · 20 135 · 55 135 · 70 135 · 70 135 · 60	144 · 45 145 · 10 145 · 10 144 · 95 144 · 85	142 · 10 141 · 85 141 · 60 141 · 45 141 · 20	137 · 10 136 · 80 136 · 55 136 · 35 136 · 20	132·70 132·70 132·70 132·70 132·70	132·30 132·20 132·10 132·05 131·95	129·55 129·55 129·55 129·45 129·45	131·10 131·20 131·20 131·30 131·35	130 · 80 130 · 80 130 · 70 130 · 70 130 · 70	131·20 131·10 131·10 131·05 130·95	130 · 30 130 · 30 130 · 30 130 · 30 130 · 30	131 · 20 131 · 20 131 · 20 131 · 20 131 · 20
6	135·45 135·20 134·85 134·55 134·35	144.85 144.85 144.85 144.85 144.85	141 · 05 140 · 85 140 · 80 140 · 60 140 · 60	$135 \cdot 95$ $135 \cdot 70$ $135 \cdot 45$ $135 \cdot 20$ $135 \cdot 05$	132·55 132·35 132·30 132·05 132·05	131 · 80 131 · 60 131 · 55 131 · 35 131 · 30	129 · 45 129 · 45 129 · 35 129 · 35 129 · 35	131 · 35 131 · 35 131 · 35 131 · 20 131 · 10	130 · 60 130 · 60 130 · 60 130 · 60 130 · 60	130 · 85 130 · 80 130 · 80 130 · 70 130 · 60	130 · 30 130 · 30 130 · 30 130 · 30 130 · 30	131 · 20 131 · 30 131 · 30 131 · 30 131 · 30
11	134 · 60 134 · 85 134 · 80 134 · 60 134 · 60	144 · 85 144 · 55 144 · 20 143 · 85 143 · 70	140.60 140.60 140.70 140.95 140.85	$\begin{array}{c} 134 \cdot 95 \\ 134 \cdot 80 \\ 134 \cdot 60 \\ 134 \cdot 35 \\ 134 \cdot 20 \end{array}$	$\begin{array}{c} 132 \cdot 05 \\ 132 \cdot 05 \end{array}$	131 · 10 131 · 05 130 · 95 130 · 85 130 · 80	129-30 129-30 129-20 129-20 129-20	131 · 10 131 · 05 131 · 05 130 · 85 130 · 85	130 · 70 130 · 80 130 · 85 131 · 20 131 · 85	130 · 55 130 · 45 130 · 35 130 · 35 130 · 35	$130 \cdot 35$ $130 \cdot 55$ $130 \cdot 55$ $130 \cdot 70$ $131 \cdot 20$	131·35 132·45 134·55 137·30 138·35
16	134 · 70 134 · 95 135 · 20 135 · 55	143 · 45 143 · 35 143 · 35 143 · 20 143 · 05	140 · 80 140 · 55 140 · 20 139 · 85 139 · 60	134.05 133.85 133.70 133.55 133.45	132.05 132.05 132.05 132.05 132.05	$\begin{array}{c} 130 \cdot 70 \\ 130 \cdot 55 \\ 130 \cdot 35 \\ 130 \cdot 30 \\ 130 \cdot 20 \end{array}$	$\begin{array}{c} 129 \cdot 20 \\ 129 \cdot 20 \end{array}$	130 · 85 130 · 85 130 · 85 130 · 80 130 · 80	$\begin{array}{c} 132 \cdot 70 \\ 133 \cdot 10 \\ 133 \cdot 20 \\ 133 \cdot 20 \\ 133 \cdot 10 \end{array}$	130 · 35 130 · 35 130 · 35 130 · 35 130 · 35	131 · 35 131 · 35 131 · 35 131 · 35 131 · 35	139 · 20 139 · 80 140 · 30 140 · 35 140 · 30
21 22 23 24 25	135 · 85 136 · 10 136 · 30 136 · 45 137 · 20	143.05 143.35 144.05 143.85 144.10	$\begin{array}{c} 139 \cdot 20 \\ 138 \cdot 95 \\ 138 \cdot 60 \\ 138 \cdot 55 \\ 138 \cdot 35 \end{array}$	$\begin{array}{c} 133 \cdot 35 \\ 133 \cdot 20 \\ 133 \cdot 05 \\ 132 \cdot 85 \\ 132 \cdot 85 \end{array}$	$\begin{array}{c} 132 \cdot 05 \\ 132 \cdot 05 \\ 132 \cdot 10 \\ 132 \cdot 35 \\ 132 \cdot 55 \end{array}$	$\begin{array}{c} 130 \cdot 10 \\ 130 \cdot 05 \\ 129 \cdot 85 \\ 129 \cdot 70 \\ 129 \cdot 55 \end{array}$	$\begin{array}{c} 129 \cdot 55 \\ 129 \cdot 85 \\ 130 \cdot 05 \\ 130 \cdot 20 \\ 130 \cdot 35 \end{array}$	130 · 80 130 · 70 130 · 60 130 · 60 130 · 55	132 · 95 132 · 70 132 · 35 132 · 20 132 · 05	130 · 35 130 · 35 130 · 35 130 · 35 130 · 35	131 · 35 131 · 30 131 · 30 131 · 30 131 · 30	140 · 20 140 · 10 140 · 05 139 · 95 139 · 70
26	138.05 139.55 141.55 142.80 143.80	144 · 20 144 · 20 143 · 95 143 · 45 142 · 95 142 · 45	138 · 20 137 · 80 137 · 35 137 · 30 137 · 20	132 · 85 132 · 85 132 · 85 132 · 80 132 · 70 132 · 70	$\begin{array}{c} 132 \cdot 55 \\ 132 \cdot 35 \end{array}$	129-55 129-55 129-55 129-55 129-45	130 · 55 130 · 70 130 · 85 131 · 05 131 · 10 131 · 10	130·55 130·55 130·70 130·80 130·85	131 · 80 131 · 60 131 · 55 131 · 35 131 · 30 131 · 20		131·20 131·20 131·20	139·35 138·85 138·35 138·05 138·20 128·35

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1898-99.

TABLE No. 242. 138-55 139-05 138-95 136-80 132-30 130.80 130-60 134.70 133-60 131.95 131.70 138 · 85 138 · 80 130 · 70 130 · 60 138.70 136.85 132.05 130 · 80 130 · 95 134 · 70 134 · 45 133·35 133·30 131 · 95 131 · 85 131·70 131·70 131·70 131·70 131·70 138·55 138·35 138·80 138·70 136·80 136·70 131 · 85 131 · 80 138.70 130-55 134.45 138.70 5..... 138 - 30 138 - 45 136-55 131.70 134-20 131.70 131.70 130-45 131 - 10 134-05 133-10 131-85 138-10 138-55 138 - 20 136 - 35 137·70 137·35 137·10 137 · 85 137 · 60 137 · 35 136-30 131 · 80 131 · 80 7..... 138 - 30 131.60 130 - 60 138 · 10 137 · 95 137 · 85 136 - 05 131 · 55 131 · 55 130 - 85 130-85 133 · 80 133 · 70 131.80 135.85 135.70 130.85 131,80 131,80 137 - 10 131.55 133 - 60 131.80 10..... 136-85 130.80 131.80 131-55 136.60 135-45 131.05 130.80 133.55 132-80 131.80 131.70 131-80 131 · 70 131 · 70 131 · 70 136-35 137 · 60 137 · 55 137 · 35 136-85 136-85 135·30 135·05 131·55 131·45 130.95 130.80 132 · 80 132 · 70 132 · 70 131-80 131-80 131 - 80 136 - 10 130 - 85 130 - 50 133.55 131-80 134-80 130 - 70 131-80 131.80 137 - 30 132.60 131.80 , 131.70 15..... 135.80 136 - 80 134 - 60 131.45 130.85 131 - 10 133 - 85 131 - 80 134 - 35 $131 \cdot 70$ 131 - 10 133.85 132.55 131-80 131-60 136 · 35 136 · 55 137 · 20 137 · 10 137 · 05 136 · 55 136 · 35 136 · 20 131 · 85 132 · 05 132 · 05 130 · 80 130 · 70 130 · 55 130-95 133 - 95 132·55 132·45 132·45 131 -80 131 · 60 131 · 60 131 · 80 131 · 80 134 · 05 134 · 05 134 · 10 134 · 20 130 - 80 131 - 80 19..... 136 - 85 134 - 05 134 - 20 21..... 131-95 134 - 20 132 - 35 131.80 131.70 131.70 137 - 85 136-80 135 - 80 133-85 130 - 45 21 22 23 24 25 130 · 45 130 · 55 130 · 55 132·35 132·35 132·30 138 - 35 136.80 135 - 60 133 - 60 131.95 132·30 132·60 132·95 134 - 10 131.80 138-80 136-80 135 · 35 135 · 10 134 · 85 133 · 45 133 · 35 134 · 10 134 · 05 131.80 136 - 95 137 - 30 131 - 80 139.05 133 - 30 131-60 130-60 134.05 131.80 131.70 133 · 05 132 · 85 132 · 85 132 · 70 135-05 130 - 70 133.55 133.05 $^{132 \cdot 20}_{132 \cdot 20}_{132 \cdot 10}$ 131,80 131.70

130-95 130 - 55

130 - 95 130-45

130 - 85

134 - 20

134 - 70

133 - 70

138-60 135·80 136·30

139-05

136 - 60

132-35

139-10 138 · 85 139 · 05

139-10

29..... 30....

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Rideau Locks for 1899-1900.

							14				TULL	140. 240.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	133 · 05 133 · 20 133 · 20 133 · 20 133 · 20	144 · 60 145 · 35 146 · 10 146 · 55 147 · 10	142·35 142·35 142·35 142·35 142·35	136·55 136·30 136·05 135·70 135·45	133 · 95 133 · 95 133 · 85 133 · 80 133 · 70	130 · 30 130 · 30 130 · 20 130 · 20 130 · 10	132·70 133·05 133·30 133·35 133·35	131 · 80 131 · 85 132 · 10 132 · 10 132 · 05	130 · 60 130 · 70 130 · 70 130 · 70 130 · 60	134 · 45 134 · 35 134 · 30 134 · 30 134 · 20	132·05 132·05 132·05 132·05 132·05	131 · 20 131 · 10 131 · 10 131 · 05 131 · 05
6. 7. 8. 9.	$\begin{array}{c} 133 \cdot 30 \\ 133 \cdot 30 \\ 133 \cdot 30 \\ 133 \cdot 30 \\ 133 \cdot 35 \end{array}$	147 · 55 147 · 70 147 · 85 147 · 70 147 · 35	$142 \cdot 35$ $142 \cdot 05$ $141 \cdot 70$ $141 \cdot 35$ $141 \cdot 05$	$\begin{array}{c} 135 \cdot 30 \\ 135 \cdot 20 \\ 135 \cdot 05 \\ 135 \cdot 30 \\ 135 \cdot 70 \end{array}$	$133 \cdot 45$ $133 \cdot 20$ $133 \cdot 05$ $132 \cdot 70$ $132 \cdot 45$	$\begin{array}{c} 129 \cdot 95 \\ 129 \cdot 85 \\ 129 \cdot 90 \\ 129 \cdot 80 \\ 129 \cdot 70 \end{array}$	$\begin{array}{c} 133 \cdot 30 \\ 133 \cdot 30 \\ 133 \cdot 05 \\ 132 \cdot 70 \\ 132 \cdot 60 \end{array}$	$\begin{array}{c} 131 \cdot 95 \\ 131 \cdot 80 \\ 131 \cdot 80 \\ 131 \cdot 80 \\ 132 \cdot 10 \end{array}$	$\begin{array}{c} 130\cdot 60 \\ 130\cdot 60 \\ 130\cdot 60 \\ 130\cdot 60 \\ 130\cdot 60 \end{array}$	$\begin{array}{c} 134 \cdot 20 \\ 134 \cdot 10 \\ 134 \cdot 10 \\ 134 \cdot 05 \\ 134 \cdot 05 \end{array}$	132·05 132·05 131·95 131·95 132·10	131.05 131.05 131.05 131.05 131.05
11 12 13 14 15	$133 \cdot 35$ $133 \cdot 70$ $134 \cdot 35$ $135 \cdot 85$ $137 \cdot 70$	$\begin{array}{c} 147 \cdot 05 \\ 146 \cdot 60 \\ 146 \cdot 30 \\ 145 \cdot 80 \\ 145 \cdot 30 \end{array}$	$\begin{array}{c} 140 \cdot 70 \\ 140 \cdot 55 \\ 140 \cdot 35 \\ 140 \cdot 05 \\ 139 \cdot 70 \end{array}$	136 · 35 136 · 85 137 · 05 137 · 05 136 · 85	$\begin{array}{c} 132 \cdot 35 \\ 132 \cdot 30 \\ 132 \cdot 20 \\ 132 \cdot 05 \\ 131 \cdot 85 \end{array}$	$\begin{array}{c} 129\cdot 70 \\ 129\cdot 60 \\ 129\cdot 55 \\ 129\cdot 45 \\ 129\cdot 35 \end{array}$	$\begin{array}{c} 132 \cdot 45 \\ 132 \cdot 30 \\ 132 \cdot 20 \\ 131 \cdot 95 \\ 131 \cdot 80 \end{array}$	$\begin{array}{c} 132 \cdot 20 \\ 132 \cdot 10 \\ 132 \cdot 05 \\ 131 \cdot 85 \\ 131 \cdot 60 \end{array}$	$\begin{array}{c} 130\cdot 60 \\ 130\cdot 70 \\ 131\cdot 80 \\ 132\cdot 80 \\ 133\cdot 45 \end{array}$	133.85 133.85 133.80 133.55 133.30	$\begin{array}{c} 132 \cdot 20 \\ 132 \cdot 20 \\ 132 \cdot 30 \\ 132 \cdot 35 \\ 132 \cdot 45 \end{array}$	131.05 131.05 131.05 131.05 131.05
16 17 18 19 20	$\begin{array}{c} 138 \cdot 80 \\ 139 \cdot 35 \\ 139 \cdot 80 \\ 140 \cdot 20 \\ 140 \cdot 20 \end{array}$	144 · 85 144 · 55 144 · 10 143 · 70 143 · 35	$\begin{array}{c} 139 \cdot 35 \\ 139 \cdot 30 \\ 139 \cdot 05 \\ 138 \cdot 95 \\ 138 \cdot 85 \end{array}$	$136 \cdot 55$ $136 \cdot 30$ $136 \cdot 05$ $135 \cdot 70$ $135 \cdot 55$	$\begin{array}{c} 131 \cdot 70 \\ 131 \cdot 55 \\ 131 \cdot 35 \\ 131 \cdot 10 \\ 131 \cdot 05 \end{array}$	$\begin{array}{c} 129\cdot 30 \\ 129\cdot 30 \end{array}$	$131 \cdot 70$ $131 \cdot 60$ $131 \cdot 55$ $131 \cdot 55$ $131 \cdot 60$	$\begin{array}{c} 131 \cdot 35 \\ 131 \cdot 20 \\ 131 \cdot 05 \\ 130 \cdot 85 \\ 130 \cdot 85 \end{array}$	134 · 10 134 · 35 134 · 35 134 · 35 134 · 35	$\begin{array}{c} 132 \cdot 80 \\ 132 \cdot 60 \\ 132 \cdot 45 \\ 132 \cdot 35 \\ 132 \cdot 20 \end{array}$	$\begin{array}{c} 132 \cdot 45 \\ 132 \cdot 35 \\ 132 \cdot 35 \\ 132 \cdot 20 \\ 132 \cdot 05 \end{array}$	130 · 95 130 · 95 130 · 95 130 · 95 130 · 95
21 22 23 24 25	$140.05 \\ 139.85 \\ 139.85 \\ 139.80 \\ 139.80$	$\begin{array}{c} 143\cdot 05 \\ 142\cdot 70 \\ 142\cdot 35 \\ 142\cdot 05 \\ 141\cdot 70 \end{array}$	$138 \cdot 70$ $138 \cdot 45$ $138 \cdot 20$ $137 \cdot 85$ $137 \cdot 55$	$\begin{array}{c} 135 \cdot 35 \\ 135 \cdot 10 \\ 134 \cdot 85 \\ 134 \cdot 60 \\ 134 \cdot 35 \end{array}$	$\begin{array}{c} 130 \cdot 95 \\ 130 \cdot 80 \\ 130 \cdot 70 \\ 130 \cdot 60 \\ 130 \cdot 60 \end{array}$	$\begin{array}{c} 129 \cdot 35 \\ 129 \cdot 45 \\ 129 \cdot 55 \\ 129 \cdot 55 \\ 129 \cdot 60 \end{array}$	131 · 60 131 · 60 131 · 60 131 · 70 131 · 70	$\begin{array}{c} 130\cdot 85 \\ 130\cdot 80 \\ 130\cdot 80 \\ 130\cdot 80 \\ 130\cdot 80 \end{array}$	134 · 35 134 · 35 134 · 35 134 · 35 134 · 35	$\begin{array}{c} 132 \cdot 20 \\ 132 \cdot 20 \\ 132 \cdot 10 \\ 132 \cdot 10 \\ 132 \cdot 10 \end{array}$	131·85 131·70 131·55 131·35 131·35	$130 \cdot 95$
26	141 · 20 142 · 30 143 · 35 143 · 70 144 · 10	$\begin{array}{c} 141 \cdot 35 \\ 141 \cdot 05 \\ 140 \cdot 70 \\ 140 \cdot 35 \\ 140 \cdot 70 \\ 141 \cdot 70 \end{array}$	137·20 137·20 137·10 137·05 136·95	$\begin{array}{c} 134 \cdot 20 \\ 134 \cdot 05 \\ 133 \cdot 95 \\ 133 \cdot 80 \\ 133 \cdot 85 \\ 133 \cdot 85 \end{array}$	$\begin{array}{c} 130 \cdot 55 \\ 130 \cdot 45 \\ 130 \cdot 35 \\ 130 \cdot 35 \\ 130 \cdot 35 \\ 130 \cdot 30 \end{array}$	129 · 85 130 · 30 130 · 95 131 · 60 132 · 20	131·70 131·70 131·70 131·80 131·80 131·80	130 · 80 130 · 80 130 · 70 130 · 60 130 · 60	$\begin{array}{c} 134 \cdot 45 \\ 134 \cdot 55 \end{array}$	$\begin{array}{c} 132 \cdot 10 \\ 132 \cdot 10 \end{array}$	131·30 131·20 131·20	130 · 95 130 · 95 130 · 95 130 · 95 130 · 95 130 · 95

Elevations above M.S.L. of Ottawa River at Rideau Locks for 1900–1901.

										1	ABLE	No. 244.
1	130 · 95 131 · 20 132 · 35 133 · 60 134 · 35	141 · 35 141 · 10 140 · 80 140 · 60 140 · 35	137 · 35 137 · 20 137 · 80 138 · 35 138 · 55	133 · 30 133 · 05 133 · 35 134 · 35 134 · 55	136·05 136·05 135·95 135·85 135·70	132 · 10 132 · 05 132 · 05 131 · 85 131 · 80	132 · 35 132 · 45 132 · 45 132 · 35 132 · 35	132·35 132·30 132·30 132·30 132·20	133 · 55 133 · 55 133 · 45 133 · 45 133 · 35	131 · 85 131 · 85 131 · 85 131 · 80 131 · 80	130 · 85 130 · 85 130 · 85 130 · 85 130 · 85	130 · 70 130 · 70 130 · 70 130 · 70 130 · 70
6	$\begin{array}{c} 135\cdot 60 \\ 137\cdot 05 \\ 138\cdot 20 \\ 138\cdot 20 \\ 137\cdot 55 \end{array}$	140 · 05 139 · 80 139 · 60 140 · 35 140 · 60	$\begin{array}{c} 138 \cdot 35 \\ 138 \cdot 20 \\ 138 \cdot 05 \\ 137 \cdot 85 \\ 137 \cdot 80 \end{array}$	$\begin{array}{c} 134.60 \\ 134.80 \\ 135.10 \\ 135.35 \\ 135.70 \end{array}$	$\begin{array}{c} 135 \cdot 60 \\ 135 \cdot 55 \\ 135 \cdot 35 \\ 135 \cdot 20 \\ 135 \cdot 10 \end{array}$	$\begin{array}{c} 131 \cdot 60 \\ 131 \cdot 55 \\ 131 \cdot 35 \\ 131 \cdot 30 \\ 131 \cdot 20 \end{array}$	$\begin{array}{c} 132\cdot 45 \\ 132\cdot 45 \\ 132\cdot 60 \\ 132\cdot 80 \\ 132\cdot 85 \end{array}$	$\begin{array}{c} 132 \cdot 20 \\ 132 \cdot 10 \end{array}$	$\begin{array}{c} 133 \cdot 30 \\ 133 \cdot 20 \\ 133 \cdot 10 \\ 133 \cdot 10 \\ 133 \cdot 10 \end{array}$	131 · 80 131 · 70 131 · 70 131 · 60 131 · 60	130 · 85 130 · 80 130 · 80 130 · 80 130 · 80	$\begin{array}{c} 130 \cdot 70 \\ 130 \cdot 70 \end{array}$
11	136 · 85 135 · 85 135 · 55 135 · 30 135 · 30	140 · 35 140 · 30 140 · 10 139 · 85 139 · 55	$\begin{array}{c} 137 \cdot 80 \\ 137 \cdot 60 \\ 137 \cdot 35 \\ 137 \cdot 10 \\ 136 \cdot 95 \end{array}$	135 · 85 136 · 05 136 · 10 136 · 35 136 · 70	134 · 95 134 · 95 134 · 85 134 · 70 134 · 55	$\begin{array}{c} 131 \cdot 20 \\ 131 \cdot 30 \\ 131 \cdot 20 \\ 131 \cdot 10 \\ 131 \cdot 05 \end{array}$	$\begin{array}{c} 133\cdot05 \\ 133\cdot10 \\ 133\cdot20 \\ 133\cdot35 \\ 133\cdot55 \end{array}$	132 · 05 131 · 95 131 · 85 131 · 85 131 · 80	133 · 10 133 · 05 132 · 85 132 · 70 132 · 70	131 · 60 131 · 55 131 · 55 131 · 55 131 · 55	130 · 80 130 · 80 130 · 80 130 · 80 130 · 80	130 · 70 130 · 60 130 · 60 130 · 60 130 · 60
16	135·30 135·30 135·80 136·45 137·45	139 · 35 139 · 35 139 · 55 139 · 55 139 · 55	136 · 60 136 · 35 136 · 10 135 · 85 135 · 60	136 · 70 136 · 70 137 · 55 137 · 55 137 · 05	134 · 55 134 · 55 134 · 45 134 · 30 134 · 10	131 · 10 131 · 35 131 · 55 131 · 80 131 · 95	133 · 60 133 · 70 132 · 70 133 · 70 133 · 70	131 · 80 131 · 80 131 · 70 131 · 80 132 · 10	132 · 60 132 · 55 132 · 35 132 · 35 132 · 30	131 · 45 131 · 35 131 · 35 131 · 35 131 · 35	130 · 80 130 · 70 130 · 70 130 · 70 130 · 70	130 · 60 130 · 60 130 · 60 130 · 60 130 · 60
21	138 · 35 139 · 35 139 · 95 140 · 80 141 · 30	139·30 139·10 139·05 138·85 138·70	135 · 45 135 · 20 134 · 95 134 · 60 134 · 35	136·70 136·55 136·35 136·30 136·30	134 · 05 133 · 85 133 · 70 133 · 55 133 · 35	$\begin{array}{c} 132 \cdot 10 \\ 132 \cdot 20 \\ 132 \cdot 20 \\ 132 \cdot 20 \\ 132 \cdot 20 \end{array}$	133 · 55 133 · 35 133 · 10 132 · 80 132 · 55	133 · 60 134 · 10 134 · 20 134 · 30 134 · 35	132 · 30 132 · 20 132 · 20 132 · 10 132 · 10	131 · 20 131 · 20 131 · 20 131 · 10 131 · 10	130 · 70 130 · 70 130 · 70 130 · 70 130 · 70	130 · 60 130 · 70 130 · 70 130 · 80 130 · 80
26 27 28 29 30 31	141 · 80 141 · 95 142 · 10 141 · 95 141 · 80	138 · 45 138 · 20 138 · 05 137 · 95 137 · 80 137 · 60	134 · 20 133 · 35 133 · 80 133 · 60 133 · 45	136·35 136·30 136·20 136·20 136·12	$\begin{array}{c} 133 \cdot 20 \\ 133 \cdot 05 \\ 132 \cdot 85 \\ 132 \cdot 60 \\ 132 \cdot 45 \\ 132 \cdot 30 \end{array}$	132 · 10 132 · 10 132 · 10 132 · 20 132 · 20	132 · 45 132 · 45 132 · 45 132 · 45 132 · 45 132 · 45	134 · 35 134 · 35 134 · 20 133 · 95 133 · 70	132.05 132.05 131.95 131.95 131.95 131.95	131 · 10 130 · 95 130 · 95 130 · 95 130 · 95 130 · 95	130 · 70 130 · 70 130 · 70	130 · 80 130 · 80 130 · 80 130 · 80

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Rideau Locks, for 1901-02.

TABLE No. 245.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	131 · 20 131 · 85 132 · 70 133 · 85 135 · 30	143 · 55 143 · 55 143 · 35 143 · 30 143 · 10	138 · 70 138 · 95 139 · 30 139 · 45 139 · 45	134·55 134·35 134·10 133·85 133·70	131.05 131.05 130.95 130.85 130.80	129-45 129-55 129-60 129-80 129-70	127-95 128-05 128-05 128-05 128-05	129·35 129·45 129·45 129·45 129·45	129·70 129·80 130·20 130·30 130·30	132·70 132·60 132·60 132·60 132·60	132 · 55 132 · 55 132 · 55 132 · 55 132 · 55	132·45 133·20 133·35 133·35 133·30
6	136.85 138.20 139.05 139.60 141.20	142.95 142.95 142.95 142.85 142.80	139·55 139·70 139·85 139·85 139·70	133 · 55 133 · 35 133 · 30 133 · 10 133 · 05	130 · 70 130 · 60 130 · 60 130 · 55 130 · 55	$\begin{array}{c} 129 \cdot 60 \\ 129 \cdot 55 \\ 129 \cdot 45 \\ 129 \cdot 30 \\ 129 \cdot 20 \end{array}$	$\begin{array}{c} 128 \cdot 10 \\ 128 \cdot 10 \\ 128 \cdot 20 \\ 128 \cdot 30 \\ 128 \cdot 35 \end{array}$	$\begin{array}{c} 129 \cdot 45 \\ 129 \cdot 45 \\ 129 \cdot 55 \\ 129 \cdot 60 \\ 129 \cdot 60 \end{array}$	$\begin{array}{c} 130 \cdot 30 \\ 130 \cdot 30 \\ 130 \cdot 20 \\ 130 \cdot 20 \\ 130 \cdot 20 \end{array}$	132.60 132.60 132.60 132.60 132.60	132-45 132-45 132-45 132-45 132-45	133 · 10 132 · 95 132 · 70 132 · 55 132 · 55
11	141.55 141.55 140.85 139.80 138.85	142.55 142.30 141.85 141.55 1±1.20	139·35 139·10 138·85 138·60 138·35	132.95 132.85 132.80 132.55 132.35	130 · 45 130 · 35 130 · 30 130 · 20 130 · 05	129·20 129·10 129·05 128·95 128·85	128 · 35 128 · 35 128 · 35 128 · 35 128 · 45	$\begin{array}{c} 129 \cdot 70 \\ 129 \cdot 70 \\ 129 \cdot 70 \\ 129 \cdot 70 \\ 129 \cdot 70 \end{array}$	$\begin{array}{c} 130 \cdot 20 \\ 130 \cdot 20 \\ 130 \cdot 20 \\ 130 \cdot 20 \\ 131 \cdot 20 \end{array}$	132 · 60 132 · 60 132 · 55 132 · 55 132 · 55	132 · 45 132 · 45 132 · 45 132 · 45 132 · 45	132 · 55 132 · 85 133 · 60 134 · 20 134 · 35
16	138 · 85 139 · 10 139 · 30 139 · 35 139 · 55	140 · 80 140 · 60 140 · 55 140 · 55 140 · 45	$\begin{array}{c} 138 \cdot 20 \\ 138 \cdot 05 \\ 137 \cdot 70 \\ 137 \cdot 35 \\ 137 \cdot 20 \end{array}$	$\begin{array}{c} 132 \cdot 20 \\ 132 \cdot 05 \\ 131 \cdot 85 \\ 131 \cdot 70 \\ 131 \cdot 35 \end{array}$	$\begin{array}{c} 129.85 \\ 129.80 \\ 129.70 \\ 129.70 \\ 129.70 \end{array}$	128 · 85 128 · 70 128 · 60 128 · 60 128 · 55	128 · 60 128 · 70 128 · 70 128 · 80 128 · 85	$\begin{array}{c} 129 \cdot 70 \\ 129 \cdot 70 \\ 129 \cdot 70 \\ 129 \cdot 70 \\ 129 \cdot 70 \end{array}$	132 · 20 132 · 55 132 · 70 132 · 70 132 · 70	132 · 55 132 · 55 132 · 55 132 · 55 132 · 55	132·45 132·45 132·45 132·45 132·45	135 · 85 137 · 35 137 · 60 137 · 80 137 · 85
21	140 · 35 141 · 60 142 · 45 143 · 10 143 · 30	140 · 45 140 · 45 140 · 35 140 · 30 140 · 10	136 · 85 136 · 55 136 · 20 136 · 05 135 · 85	131 · 20 131 · 05 130 · 95 130 · 85 130 · 70	129 · 60 129 · 80 129 · 85 129 · 95 129 · 85	128 · 45 128 · 30 128 · 10 128 · 05 127 · 95	128 · 95 128 · 95 128 · 95 128 · 95 128 · 95	$\begin{array}{c} 129\cdot 70 \\ 129\cdot 70 \\ 129\cdot 70 \\ 129\cdot 80 \\ 129\cdot 80 \end{array}$	132·70 132·70 132·70 132·70 132·70	132.55 132.55 132.55 132.55 132.55	132 · 45 132 · 45 132 · 45 132 · 45 132 · 45	138 · 05 138 · 10 138 · 10 138 · 10 138 · 20
26. 27. 28. 29. 30.	143 · 35 143 · 55 143 · 55 143 · 55 143 · 55	139 · 85 139 · 60 139 · 35 139 · 20 138 · 95 138 · 70	135-60 135-35 135-10 134-85 134-60	$\begin{array}{c} 130 \cdot 70 \\ 130 \cdot 70 \\ 130 \cdot 60 \\ 130 \cdot 60 \\ 130 \cdot 80 \\ 131 \cdot 10 \end{array}$	$\begin{array}{c} 129 \cdot 80 \\ 129 \cdot 70 \\ 129 \cdot 60 \\ 129 \cdot 55 \\ 129 \cdot 55 \\ 129 \cdot 45 \end{array}$	127.95 127.85 127.85 127.80 127.70	$\begin{array}{c} 128 \cdot 95 \\ 128 \cdot 95 \\ 129 \cdot 05 \\ 129 \cdot 20 \\ 129 \cdot 30 \\ 129 \cdot 35 \end{array}$	129-80 129-80 129-80 129-80 129-80	$\begin{array}{c} 132 \cdot 70 \\ 132 \cdot 70 \end{array}$	132·55 132·55 132·55 132·55 132·55	132·45 132·45 132·45	138 · 30 138 · 45 138 · 60 138 · 80 139 · 10 139 · 35

Elevations above M.S.L. of Ottawa River at Rideau Locks, for 1902-03.

ABLE No. 246.

										.1	ABLE 2	io. 246.
1	139·35 139·60 139·95 140·10 140·20	139 · 80 140 · 10 140 · 30 140 · 35 140 · 45	138-80 138-85 138-95 139-05 139-05	136·70 136·70 136·60 136·60 136·55	133 · 20 133 · 20 133 · 30 133 · 30 133 · 30	131·05 130·85 130·70 130·55 130·45	130·35 130·35 130·35 130·35 130·35	132 · 20 132 · 10 132 · 10 132 · 10 132 · 10	135·30 135·10 135·05 134·95 134·85	133 · 12 133 · 12 133 · 12 133 · 04 133 · 04	131 · 79 131 · 79 131 · 79 131 · 70 131 · 70	132·20 132·29 132·29 133·20 134·37
6	$\begin{array}{c} 140 \cdot 20 \\ 140 \cdot 05 \\ 139 \cdot 85 \\ 139 \cdot 60 \\ 139 \cdot 35 \end{array}$	$140.55 \\ 140.55 \\ 140.55 \\ 140.55 \\ 140.55 \\ 140.55$	139.05 139.05 139.05 139.05 139.05 138.95	$\begin{array}{c} 136 \cdot 55 \\ 136 \cdot 55 \\ 136 \cdot 35 \\ 136 \cdot 20 \\ 136 \cdot 05 \end{array}$	$\begin{array}{c} 133 \cdot 20 \\ 133 \cdot 20 \\ 133 \cdot 20 \\ 133 \cdot 10 \\ 133 \cdot 05 \end{array}$	130 · 35 130 · 30 130 · 20 130 · 10 130 · 05	130 · 35 130 · 35 130 · 35 130 · 35 130 · 45	$\begin{array}{c} 132 \cdot 20 \\ 132 \cdot 30 \\ 132 \cdot 30 \\ 132 \cdot 55 \\ 132 \cdot 85 \end{array}$	134 · 80 134 · 80 134 · 80 134 · 70 134 · 70	132 · 95 132 · 95 132 · 87 132 · 79 132 · 79	$\begin{array}{c} 131 \cdot 70 \\ 131 \cdot 70 \end{array}$	134·54 134·70 135·20 135·37 135·87
11	139 · 20 139 · 10 139 · 05 139 · 05 139 · 05	140 · 55 140 · 45 140 · 35 140 · 35 140 · 20	$\begin{array}{c} 138 \cdot 95 \\ 138 \cdot 95 \\ 138 \cdot 95 \\ 138 \cdot 85 \\ 138 \cdot 70 \end{array}$	$\begin{array}{c} 135 \cdot 85 \\ 135 \cdot 80 \\ 135 \cdot 60 \\ 135 \cdot 35 \\ 135 \cdot 30 \end{array}$	132 · 95 132 · 85 132 · 80 132 · 70 132 · 55	$\begin{array}{c} 130\cdot05\\ 129\cdot95\\ 129\cdot95\\ 130\cdot10\\ 130\cdot30 \end{array}$	130 · 45 130 · 55 130 · 60 130 · 60 130 · 60	133 · 10 133 · 30 133 · 55 133 · 70 133 · 80	$134 \cdot 70$ $134 \cdot 60$ $134 \cdot 60$ $134 \cdot 55$ $134 \cdot 55$	$\begin{array}{c} 132 \cdot 79 \\ 132 \cdot 70 \\ 132 \cdot 70 \\ 132 \cdot 70 \\ 132 \cdot 62 \end{array}$	131·79 131·79 131·79 131·79 131·79	$136 \cdot 37$ $136 \cdot 70$ $137 \cdot 04$ $137 \cdot 20$ $137 \cdot 29$
16	139.05 138.95 138.95 138.85 138.80	140 · 10 140 · 05 139 · 85 139 · 60 139 · 35	138 · 45 138 · 20 138 · 05 137 · 85 137 · 80	135 · 20 135 · 05 134 · 85 134 · 70 134 · 60	132·45 132·30 132·10 132·05 131·95	130 · 35 130 · 55 130 · 70 130 · 85 131 · 05	130 · 70 130 · 80 130 · 80 130 · 95 131 · 10	133 · 85 134 · 10 134 · 30 134 · 55 134 · 80	134 · 45 134 · 45 134 · 35 134 · 35 134 · 35	132 · 62 132 · 54 132 · 45 132 · 37 132 · 29	131 · 79 131 · 87 131 · 87 131 · 87 131 · 87	137 · 37 137 · 45 137 · 62 138 · 29 138 · 95
21	138 · 80 138 · 70 138 · 70 138 · 70 138 · 80	139·10 138·80 138·55 138·35 138·35	137 · 70 137 · 55 137 · 30 137 · 20 137 · 05	134·55 134·45 134·35 134·20 134·10	131 · 85 131 · 80 131 · 70 131 · 60 131 · 55	131 · 05 130 · 95 130 · 85 130 · 85 130 · 80	131·30 131·35 131·55 131·70 131·80	135·05 135·10 135·30 135·35 135·55	134 · 35 134 · 20 134 · 10 133 · 95 133 · 80	132 · 29 132 · 20 132 · 20 132 · 04 132 · 04	131 · 87 131 · 95 131 · 95 131 · 95 131 · 95	139·37 139·45 139·54 139·54 139·87
26	138 · 80 138 · 80 138 · 85 138 · 85 139 · 20	138·35 138·45 138·55 138·60 138·70 138·70	136 · 95 136 · 95 136 · 85 136 · 80 136 · 70	134·05 133·85 133·70 133·55 133·35 133·20	131 · 55 131 · 45 131 · 45 131 · 35 131 · 30 131 · 20	130 · 60 130 · 55 130 · 45 130 · 35 130 · 35	131 · 85 131 · 95 132 · 05 132 · 10 132 · 20 132 · 20	135·55 135·55 135·45 135·45 135·35	$\begin{array}{c} 133\cdot 60 \\ 133\cdot 55 \\ 133\cdot 35 \\ 133\cdot 30 \\ 133\cdot 20 \\ 133\cdot 15 \end{array}$	131.87	132-04 132-04 132-12	139·37 139·29 139·20 139·12 139·12 139·04

6 GEORGE V. A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Rideau Locks, for 1903-04.

TABLE No. 247. Day. April. May. July. Aug. June. Sept. Oct. Nov. Dec. Jan. Feb. March. 138 - 55 $137 \cdot 20$ 138 · 30 137 · 95 137 · 70 137 - 62 137 · 79 137 · 45 137 · 04 137·87 138·70 133 · 12 133 · 04 131 · 79 131 · 79 131 · 79 131.04 130 · 70 130 · 70 130 · 62 130 · 62 130 · 54 130 · 54 $137 \cdot 87$ 138 - 12 137 - 54 136.79 $137 \cdot 54$ $137 \cdot 70$ $137 \cdot 95$ 136-45 138 - 12 132.79 $131 \cdot 20$ $131 \cdot 70$ 131.95 130 - 95 130 - 62 138 - 37 138 - 54 132 - 70 130 · 70 130 · 70 130 · 70 130 · 54 130 · 62 136 - 29 136-62 130 - 95 132 · 62 132 · 54 136 - 12 136.37 130-87 130.95 130 - 62 138 - 12 139 - 04 136 - 12 136.04 130.86 132 - 45 130 - 70 130 - 95 $130 \cdot 70$ 130 - 62 130 - 95 10..... $138 \cdot 37$ 139 - 20 136-12 $132 \cdot 54$ $132 \cdot 79$ $132 \cdot 79$ $132 \cdot 79$ $132 \cdot 45$ 130.69 131.70 130.95 130.70 130.62 136-04 135 · 12 134 · 79 130 · 62 130 · 54 131 · 04 131 · 04 138 · 04 137 · 79 137 · 54 139 - 45 136.04 $130 \cdot 95$ 130 - 62 139-62 136 - 12 130 - 62 130 - 54 131.54 130 - 95 130 - 62 130 - 62 $136 \cdot 20$ 15..... 139.70 136 - 29 134 - 45 $130 \cdot 45$ 131.54 $130 \cdot 95$ 130 - 62130 - 62 131.04 $\begin{array}{c} 137 \cdot 37 \\ 137 \cdot 37 \\ 137 \cdot 29 \\ 137 \cdot 29 \\ 137 \cdot 20 \end{array}$ 131 - 45 139.79 136-37 134-37 130 - 45 133.04 130 - 62 136.37 130 - 45 133 · 12 133 · 12 133 · 37 130 - 87 130.62 130 - 62 131-04 131 · 29 131 · 29 130 - 62 131·04 131·04 139·90 139·95 136.54 134-12 130 · 54 130 · 95 130 - 87 130 - 62 130 - 87 130 - 62 130-62 136 - 62 139 - 79 136 - 70 131 - 20 133 - 45 131 - 20 130 - 87 130 - 62 130 - 54 131 - 04 20.... 136·70 136·79 136·95 137·04 $131 \cdot 37$ $131 \cdot 79$ $131 \cdot 95$ 133 - 54 131 - 20 130 - 62 130.54 131.04 137 - 20 133 - 70 132 - 29 130 - 87 22.....23..... 137 · 10 137 · 10 137 · 10 $139 \cdot 37$ $139 \cdot 20$ 133 - 62 131 · 20 131 · 12 $130 \cdot 87$ 130 - 62 130 - 54 133 - 20 130 - 87 130 - 62 130 - 54 131.04 132-20 131 - 12 130 · 79 130 · 79 130 - 62 130 - 54 132 - 70 137.05 138 - 79 $137 \cdot 12$ $131 \cdot 70$ $131 \cdot 12$ 130 - 62 130 - 54 131 - 29 131 - 37 137.05 138 - 62 137 - 20 133.54 131.54 132.37 $132 \cdot 54$ $131 \cdot 12$ $130 \cdot 62$ $130 \cdot 54$ 137 · 05 137 · 05 136 · 95 137 · 20 137 · 12 137 · 04 133 · 54 133 · 54 131·54 131·54 132 · 45 132 · 45 130 · 79 130 · 79 130 · 54 130 · 54 131 · 54 132 · 12 133 · 37 130 - 62 28..... 138-20 138 - 20 133.45 131 - 54 130 - 54 29..... 138·20 136·99 138·37 133 - 45 131 - 54 131.95 132 - 37 131.04 130 - 79 130 - 62 $136 \cdot 95$ 132 - 29 133-37 131.62 $130 \cdot 79$ 130 - 62 134 - 29

JUNEAU CONTRACT Discount Discount Perlander for 1001 Of

Elevation	ons at	ove M.	S.L. of ()ttawa	Rive	rat.	Rideau	Lock	s, to	r 1904	-05.
									T	ABLE Y	No. 248
1	134 · 62 135 · 37 136 · 37 137 · 37 138 · 20	141 · 29 14 142 · 03 14 142 · 54 14	4·54 138·87 4·70 138·70 4·95 138·37 5·29 138·03 5·29 137·79	133·37 133·37 133·20 132·87 132·62	131 · 12 130 · 95 130 · 79 130 · 95 131 · 20	131 · 79 132 · 12 132 · 20 132 · 54 132 · 87	134 · 37 134 · 37 134 · 37 134 · 37 134 · 37	131 · 87 131 · 87 131 · 79 131 · 79 131 · 70	131·37 131·37 121·37 131·45 131·54	131 · 37 131 · 37 131 · 37 131 · 37 131 · 37	131 · 12 131 · 12 131 · 03 131 · 03 131 · 03
6	$\begin{array}{c} 138 \cdot 62 \\ 139 \cdot 12 \\ 139 \cdot 37 \\ 139 \cdot 87 \\ 140 \cdot 54 \end{array}$	145·20 14 145·54 14 145·87 14	5·29 137·62 5·29 137·37 5·37 137·12 5·45 136·87 5·70 136·87	$\begin{array}{c} 132 \cdot 45 \\ 132 \cdot 37 \\ 132 \cdot 29 \\ 132 \cdot 12 \\ 132 \cdot 03 \end{array}$	$\begin{array}{c} 131 \cdot 20 \\ 131 \cdot 20 \\ 131 \cdot 12 \\ 131 \cdot 12 \\ 131 \cdot 03 \end{array}$	$\begin{array}{c} 132 \cdot 95 \\ 133 \cdot 12 \\ 133 \cdot 20 \\ 133 \cdot 29 \\ 133 \cdot 37 \end{array}$	134 · 37 134 · 20 134 · 03 133 · 95 133 · 79	$\begin{array}{c} 131 \cdot 70 \\ 131 \cdot 62 \end{array}$	$\begin{array}{c} 131 \cdot 54 \\ 131 \cdot 54 \\ 131 \cdot 54 \\ 131 \cdot 45 \\ 131 \cdot 45 \\ 131 \cdot 45 \end{array}$	$\begin{array}{c} 131 \cdot 37 \\ 131 \cdot 29 \\ 131 \cdot 29 \\ 131 \cdot 29 \\ 131 \cdot 29 \end{array}$	130.95 130.95 130.95 130.95 130.95 130.95
11 12 13 14 15	141 · 20 140 · 87 140 · 37 139 · 70 139 · 20	145 · 87 14 145 · 70 14 145 · 37 14	5·87 136·79 5·95 136·70 5·70 136·70 5·54 136·62 5·03 136·54	131 · 87 131 · 62 131 · 54 131 · 54 131 · 45	131 · 03 130 · 9.5 130 · 70 130 · 95 130 · 87	$\begin{array}{c} 133 \cdot 54 \\ 133 \cdot 62 \\ 133 \cdot 62 \\ 133 \cdot 62 \\ 133 \cdot 95 \end{array}$	133 · 62 133 · 45 133 · 29 133 · 20 133 · 12	131 · 54 131 · 54 131 · 54 131 · 45 131 · 45	$\begin{array}{c} 131 \cdot 45 \\ 131 \cdot 45 \\ 131 \cdot 45 \\ 131 \cdot 37 \\ 131 \cdot 37 \\ 131 \cdot 37 \end{array}$	$\begin{array}{c} 131 \cdot 29 \\ 131 \cdot 29 \end{array}$	130 · 87 130 · 87 130 · 87 130 · 87 130 · 87
16	138 · 79 138 · 45 138 · 12 137 · 79 137 · 37	144·79 14 144·70 14 144·70 14	4 · 54 136 · 45 4 · 03 136 · 20 3 · 37 136 · 03 3 · 03 135 · 87 2 · 45 135 · 62	131 · 45 131 · 45 131 · 54 131 · 54 131 · 54	$\begin{array}{c} 130 \cdot 79 \\ 130 \cdot 79 \\ 130 \cdot 62 \\ 130 \cdot 45 \\ 130 \cdot 37 \end{array}$	134 · 12 134 · 37 134 · 37 134 · 37 134 · 37	133.03 132.95 132.87 132.79 132.62	131 · 45 131 · 45 131 · 45 131 · 45 131 · 45	131 · 37 131 · 37 131 · 37 131 · 37 131 · 37	$\begin{array}{c} 131 \cdot 29 \\ 131 \cdot 29 \\ 131 \cdot 20 \\ 131 \cdot 20 \\ 131 \cdot 20 \end{array}$	$130 \cdot 87$ $130 \cdot 87$ $130 \cdot 87$ $130 \cdot 87$ $129 \cdot 95$
21 22 23 24 25	137 · 12 136 · 70 136 · 37 136 · 62 136 · 87	144 · 45 14 144 · 45 14 144 · 37 14	2·03 135·45 1·79 135·37 1·37 135·12 0·87 134·95 0·45 134·79	131-62 131-62 131-62	$\begin{array}{c} 130 \cdot 37 \\ 130 \cdot 37 \\ 130 \cdot 29 \\ 130 \cdot 29 \\ 130 \cdot 45 \end{array}$	134·37 134·37 134·37 134·45 134·62	132 · 54 132 · 45 132 · 45 132 · 37 132 · 29	131 · 37 131 · 37 131 · 37 131 · 37 131 · 37	131 · 37 131 · 37 131 · 37 131 · 37 131 · 37	$\begin{array}{c} 131 \cdot 20 \\ 131 \cdot 20 \\ 131 \cdot 12 \\ 131 \cdot 12 \\ 131 \cdot 12 \\ 131 \cdot 12 \end{array}$	$\begin{array}{c} 130 \cdot 03 \\ 130 \cdot 03 \\ 130 \cdot 12 \\ 130 \cdot 12 \\ 130 \cdot 37 \end{array}$
26. 27. 28. 29. 30. 31.		144·12 13 144·12 13 144·03 13 144·03 13	0·12 134·54 9·87 134·29 9·45 134·03 9·29 133·79 9·20 133·62 133·45	131 · 45 131 · 45 131 · 37 131 · 29	130 · 95 131 · 37 131 · 37 131 · 45 131 · 62	134 · 62 134 · 62 134 · 54 134 · 45 134 · 45 134 · 45	132 · 20 132 · 12 132 · 03 132 · 03 131 · 95	131·37 131·37 131·37 131·37 131·37 131·37	131·37 131·37 131·37 131·37 131·37	131·12 131·12 131·12	$\begin{array}{c} 130 \cdot 70 \\ 131 \cdot 54 \\ 132 \cdot 37 \\ 132 \cdot 54 \\ 132 \cdot 70 \\ 132 \cdot 79 \end{array}$

ELEVATIONS above M.S.L. of Ottawa River at Kideau Locks, for 1905-06.

TABLE No. 249.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	133 · 70 135 · 20 137 · 03 137 · 45 137 · 29	133 · 95 134 · 03 134 · 45 135 · 62 136 · 29	138·12 138·03 137·87 137·70 137·54	134 · 03 133 · 87 133 · 70 133 · 54 133 · 37	132 · 62 132 · 62 132 · 54 132 · 37 132 · 29	129·79 129·70 129·70 129·79 129·87	129·70 129·79 129·45 129·41	131·04 131·20 131·29 130·95	130 · 54 131 · 62 131 · 45 131 · 45	130·70 130·70		132·49 132·12 131·99
6	$\begin{array}{c} 137 \cdot 29 \\ 137 \cdot 20 \\ 137 \cdot 12 \\ 136 \cdot 70 \\ 136 \cdot 20 \end{array}$	$\begin{array}{c} 136 \cdot 37 \\ 136 \cdot 62 \\ 136 \cdot 95 \\ 137 \cdot 37 \\ 137 \cdot 79 \end{array}$	$\begin{array}{c} 137 \cdot 37 \\ 137 \cdot 20 \\ 137 \cdot 03 \\ 136 \cdot 87 \\ 136 \cdot 70 \end{array}$	$133 \cdot 29$ $133 \cdot 03$ $132 \cdot 79$ $132 \cdot 70$ $132 \cdot 62$	$\begin{array}{c} 132 \cdot 20 \\ 132 \cdot 03 \\ 131 \cdot 87 \\ 131 \cdot 70 \\ 131 \cdot 54 \end{array}$	$\begin{array}{c} 129 \cdot 95 \\ 130 \cdot 04 \\ 129 \cdot 95 \\ 129 \cdot 87 \\ 129 \cdot 79 \end{array}$	129 · 37 129 · 20 129 · 20 129 · 29	131 · 45 130 · 79 130 · 79 130 · 66 130 · 79	131 · 20 131 · 08 130 · 95 130 · 95 130 · 83	130 · 58 130 · 54 130 · 49	133.08 132.93 132.74	131.79 131.70 131.64 131.74 131.49
11	135 · 79 135 · 70 135 · 62 135 · 62 135 · 54	$\begin{array}{c} 138 \cdot 37 \\ 138 \cdot 79 \\ 139 \cdot 20 \\ 139 \cdot 37 \\ 139 \cdot 54 \end{array}$	$\begin{array}{c} 136 \cdot 54 \\ 136 \cdot 37 \\ 136 \cdot 29 \\ 136 \cdot 20 \\ 136 \cdot 37 \end{array}$	132·54 132·54 132·54 132·54 132·54	$\begin{array}{c} 131 \cdot 29 \\ 131 \cdot 20 \\ 131 \cdot 20 \\ 131 \cdot 20 \\ 131 \cdot 20 \end{array}$	129·79 129·79 129·79 129·70 129·62	129 · 45 129 · 29 129 · 20 129 · 37	130 · 70 130 · 87 130 · 70 130 · 70	131 · 04 130 · 95 130 · 70 130 · 62 130 · 54	130 · 43 130 · 45 130 · 37 130 · 20 130 · 37	131 · 29 131 · 20 131 · 24 132 · 12	131·27 131·20 131·12 130·97
16	135 · 29 135 · 20 135 · 03 134 · 87 134 · 70	$\begin{array}{c} 139 \cdot 54 \\ 139 \cdot 54 \\ 139 \cdot 62 \\ 139 \cdot 62 \\ 139 \cdot 70 \end{array}$	136·37 136·45 136·37 136·37 136·37	132 · 54 132 · 54 132 · 54 132 · 62 132 · 70	131 · 20 131 · 12 130 · 95 130 · 87 130 · 62	129 · 62 129 · 45 129 · 45 129 · 70 130 · 37	129 · 87 130 · 08 130 · 04 130 · 12	130 · 87 130 · 54 130 · 62 130 · 45	130 · 37 130 · 37 130 · 29 130 · 29	130 · 33 130 · 33 130 · 33 130 · 33 130 · 29	132.00 131.87 131.70 131.64	130 · 85 130 · 79 130 · 58 130 · 60
21 22 23 24 25	134 · 62 134 · 54 134 · 45 134 · 37 134 · 29	139 · 70 139 · 87 140 · 03 140 · 03 139 · 87	136 · 20 135 · 95 135 · 79 135 · 54	132·70 132·54 132·45 132·37 132·37	$130 \cdot 37$ $130 \cdot 20$ $130 \cdot 12$ $130 \cdot 04$ $129 \cdot 95$	$\begin{array}{c} 130 \cdot 45 \\ 130 \cdot 37 \\ 130 \cdot 29 \\ 130 \cdot 29 \\ 130 \cdot 20 \end{array}$	130 · 33 130 · 62 131 · 04 131 · 04	130·37 130·37 130·33 130·45 130·33	130 · 45 130 · 45 130 · 37	130·37 131·08 133·62 134·12	131.58 132.04 132.24 132.20	130·39 130·22 130·18 130·12
26 27 28 29 30 31	134 · 20 134 · 03 134 · 03 133 · 87 133 · 87	$\begin{array}{c} 139\cdot 62 \\ 139\cdot 37 \\ 139\cdot 12 \\ 138\cdot 70 \\ 138\cdot 45 \\ 138\cdot 20 \end{array}$	135 · 20 134 · 87 134 · 62 134 · 37 134 · 20	$\begin{array}{c} 132 \cdot 37 \\ 132 \cdot 37 \\ 132 \cdot 29 \\ 132 \cdot 20 \\ 132 \cdot 20 \\ 132 \cdot 37 \end{array}$	$\begin{array}{c} 129 \cdot 87 \\ 129 \cdot 79 \\ 129 \cdot 70 \\ 129 \cdot 62 \\ 129 \cdot 62 \\ 129 \cdot 62 \end{array}$	130 · 04 129 · 95 129 · 95 129 · 87 129 · 87	131 · 45 131 · 45 131 · 45 131 · 45	130 · 45 130 · 87 130 · 70 130 · 45	130 · 29 130 · 29 130 · 29 130 · 37 130 · 45	134 · 14 134 · 08 133 · 83 133 · 70 133 · 70	132·79 132·83 132·54	129 · 95 130 · 68 132 · 43 132 · 91 133 · 04 132 · 95

ELEVATIONS above M.S.L. of Ottawa River at Rideau Locks, for 1906-07.

TABLE No. 250. 136-79 138.00 131 - 37 $128 \cdot 54$ $127 \cdot 70$ 128-49 128 · 37 128 · 37 128 · 37 128 - 95 128 - 29 128 - 20 136 · 79 136 · 87 136 · 95 137 · 12 137 · 45 132 - 37 130 · 95 131 · 12 138 - 87 128 · 62 128 · 76 128 · 74 128 - 60 128 · 20 128 · 20 129-29 132 · 24 132 · 20 136-66 $128 \cdot 54$ 138-41 $130 \cdot 95$ $128 \cdot 54$ 129.79 $128 \cdot 37$ $128 \cdot 37$ $132 \cdot 20$ $138 \cdot 20$ 136-16 128 - 43 $128 \cdot 20$ $132 \cdot 24$ $137 \cdot 99$ $138 \cdot 20$ 135 - 95 130-62 128-37 128 - 54 128 - 83 120.01 128-37 $128\cdot 29$ 132 - 37 138 - 29 130 · 87 130 · 70 128-37 $128 \cdot 20$ $128 \cdot 20$ 138 - 20 138 - 74 128 - 37 128-97 128 - 58 129 - 95 128 · 37 128 · 37 $128 \cdot 29$ 132·70 132·79 135 - 12 130 - 45 130.69 128 · 83 128 · 74 139-04 139 - 12 134-91 128.35 128 - 45 130 - 43 $128 \cdot 29$ 128 - 20 132 - 41 139 - 20 139-04 134 - 60 130 - 37 $^{128\cdot 70}_{128\cdot 72}_{128\cdot 70}$ $128 \cdot 20$ 128-41 $129 \cdot 76$ $128 \cdot 29$ 12.... 13.... 139.37 134 - 19 128 · 35 128 · 29 128-60 128 · 29 128 · 29 128 · 29 130 - 29 129-62 128 - 54 $128 \cdot 20$ 128 - 20 $132 \cdot 58$ 139 - 87 $138 \cdot 99$ 133 - 87 130 - 16 128 - 10 128 - 20 128 - 29 129.74 139-99 138 - 00 130.04 128 - 12 $128 \cdot 70$ 128.54 128 - 29 128 - 20 128-29 16..... 132.95 140 - 12 $138 \cdot 95$ 133-41 128-29 128 - 20 128.20 133.08 140 - 20 138 - 87 133 · 14 132 · 87 132 · 68 129 · 95 129 · 81 127 - 95 $128 \cdot 29$ 128 - 45 128 - 29 $128 \cdot 20$ 133 - 20 140 - 20 138 - 74 128 · 04 127 · 99 129-62 128 · 29 128 · 29 128-45 128 - 45 133 - 49 128 - 20 128 - 37 133 - 74 138 - 54 132.56 129.68 128.39 129-56 128 - 62 128.90 128 - 37 $134 \cdot 29$ $140 \cdot 29$ 138 - 33 132-37 129-68 128.87 $128 \cdot 20$ 138 - 29 $140 \cdot 29$ 129-62 128 - 62 129.41 $128 \cdot 29$ $128 \cdot 29$ 128 - 20 128.45 23..... 135 - 45 132-20 140.24 138 · 24 138 · 04 129 - 62 128 - 20 127·79 127·83 132.06 129 - 45 $128 \cdot 72$ 128 - 29 136 - 29 140-12 129-37 138 - 04 128 - 20 136.37 139 - 95 137.99 131.74 $^{127\cdot 76}_{127\cdot 66}_{127\cdot 60}$ 128 - 85 128 - 20 129-41 129 · 04 129 · 12 129 · 12 128 - 68 $128 \cdot 29$ $128 \cdot 20$ 131.04 136.70 137 · 62 137 · 54 137 · 45 129 - 20 128 - 29 139·54 139·33 128 - 29 129.04 129-33 131-45 136-62 128·79 128·74 128.79128 - 29 31..... 139 - 12 128-62 128-29

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Rideau Locks, for 1907-08.

TABLE No. 251.

		-								1A	BLE N	5. 251.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	137 · 37 137 · 79 137 · 79 137 · 79 136 · 37	134 · 95 136 · 37 137 · 62 137 · 70 137 · 87	141·54 140·87 140·62 140·54 140·54	137 · 45 137 · 45 137 · 54 137 · 54 137 · 29	133 · 45 133 · 45 133 · 37 133 · 29 133 · 20	130·37 130·37 130·37 130·37 130·37	132·37 132·29 132·29 132·29 132·12	132 · 29 132 · 29 132 · 37 132 · 45 132 · 45	132·79 132·62 132·70 133·37 133·37	133 · 37 133 · 37 133 · 45 133 · 29 133 · 04	132 · 37 132 · 37 132 · 20 132 · 12 132 · 04	131·79 131·70 131·62 131·62 131·54
6	136 · 20 136 · 12 136 · 12 136 · 04 135 · 87	138·04 138·12 138·12 138·04 137·95	140 · 54 140 · 54 140 · 54 140 · 54 140 · 54	137 · 12 136 · 95 136 · 79 136 · 62 136 · 45	$133 \cdot 29$ $133 \cdot 20$ $133 \cdot 12$ $132 \cdot 87$ $132 \cdot 70$	$\begin{array}{c} 130 \cdot 37 \\ 130 \cdot 20 \\ 130 \cdot 04 \\ 130 \cdot 12 \\ 130 \cdot 20 \end{array}$	$131 \cdot 95$ $132 \cdot 29$ $132 \cdot 29$ $132 \cdot 20$ $132 \cdot 29$	132·70 133·87 134·87 135·37 135·45	133 · 29 133 · 20 133 · 04 133 · 12 133 · 20	133.04 133.04 133.04 132.95 132.79	131 · 95 131 · 87 131 · 87 131 · 79 131 · 79	131 · 45 131 · 45 131 · 45 131 · 45 131 · 45
11	135·70 135·37 135·29 135·20 135·12	137 · 87 137 · 79 137 · 70 137 · 79 137 · 79	$140.54 \\ 140.54 \\ 140.54 \\ 140.45 \\ 140.20$	136-37 136-29 136-12 135-87 135-70	132 · 62 132 · 37 132 · 29 132 · 12 132 · 04	130 · 29 130 · 37 130 · 37 130 · 37 130 · 45	132 · 29 132 · 37 132 · 45 132 · 54 132 · 70	$\begin{array}{c} 135 \cdot 62 \\ 135 \cdot 45 \\ 135 \cdot 29 \\ 135 \cdot 04 \\ 135 \cdot 20 \end{array}$	133 · 37 133 · 37 133 · 45 133 · 45 133 · 62	$132 \cdot 54$	131 · 79 131 · 70 131 · 70 131 · 70 131 · 87	131 · 45 131 · 45 131 · 37 131 · 37 131 · 54
16	134 · 95 134 · 79 134 · 79 134 · 70 134 · 62	138 · 04 138 · 37 138 · 79 139 · 54 140 · 37	139 · 87 139 · 70 139 · 54 139 · 37 138 · 37	135·37 135·29 135·04 134·95 134·70	131 · 95 131 · 87 131 · 54 131 · 37 131 · 37	$130 \cdot 79$ $131 \cdot 04$ $131 \cdot 37$ $131 \cdot 20$ $131 \cdot 29$	132 · 87 132 · 87 132 · 87 132 · 95 132 · 95	135.04 134.45 134.20 133.95 133.87	133 · 70 133 · 79 133 · 87 133 · 87 133 · 87	$\begin{array}{c} 132 \cdot 45 \\ 132 \cdot 37 \\ 132 \cdot 20 \\ 132 \cdot 12 \\ 132 \cdot 12 \end{array}$	132 · 04 132 · 04 132 · 04 132 · 12 132 · 12	$\begin{array}{c} 131 \cdot 79 \\ 132 \cdot 04 \\ 132 \cdot 12 \\ 132 \cdot 29 \\ 132 \cdot 20 \end{array}$
21 22 23 24 25	134 · 37 134 · 20 133 · 87 133 · 70 133 · 62	141 · 37 141 · 70 142 · 04 142 · 12 142 · 20	138 · 87 138 · 70 138 · 45 138 · 20 137 · 87	$134 \cdot 54$ $134 \cdot 37$ $134 \cdot 29$ $134 \cdot 20$ $134 \cdot 12$	131·37 131·29 131·04 130·95 130·70	131·37 131·37 131·70 131·87 131·95	132 · 79 132 · 70 132 · 62 132 · 62 132 · 45	133 · 87 133 · 62 133 · 45 133 · 37 133 · 37	133.79 133.70 133.54 133.45 133.37	132 · 12 132 · 29 132 · 20 132 · 37 132 · 12	132 · 04 131 · 95 131 · 95 131 · 95 131 · 95	132·20 132·20 132·20 132·29 132·29
26	133 · 52 133 · 70 133 · 70 133 · 79 133 · 79	142 · 12 141 · 87 141 · 87 141 · 87 141 · 87 141 · 87	137 · 79 137 · 70 137 · 62 137 · 54 137 · 45	133 · 95 133 · 95 133 · 79 133 · 62 133 · 54 133 · 45	130 · 54 130 · 54 130 · 54 130 · 45 130 · 45 130 · 45	131.95 131.87 132.12 132.20 132.29	132 · 37 132 · 45 132 · 45 132 · 45 132 · 37 132 · 29	133 · 29 133 · 20 133 · 12 133 · 12 132 · 95	133·37 133·37 133·37 133·37 133·37 133·37	131 · 95 131 · 87 132 · 37 132 · 29 132 · 29 132 · 37	131 · 95 131 · 95 131 · 87 131 · 79	132·37 132·37 132·95 133·45 133·70 133·12

Elevations above M.S.L. of Ottawa River at Rideau Locks, for 1908-09.

										TA	BLE No	. 252.
1	134·45 134·70 134·79 134·87 134·79	141 · 54 142 · 87 143 · 62 144 · 04 144 · 04	145 · 12 144 · 95 144 · 95 145 · 04 145 · 12	137 · 04 136 · 87 136 · 54 136 · 20 135 · 95	132 · 29 132 · 04 131 · 95 131 · 87 131 · 79	129 · 29 129 · 12 129 · 12 129 · 04 128 · 87	127 · 87 127 · 79 127 · 62 127 · 54 127 · 54	$\begin{array}{c} 127 \cdot 29 \\ 127 \cdot 29 \\ 127 \cdot 54 \\ 127 \cdot 54 \\ 127 \cdot 45 \end{array}$	128·37 128·37 128·37 128·37 129·37	129-95 129-95 129-95 129-95 129-95	130 · 29 130 · 20 130 · 04 130 · 04 130 · 04	130 · 87 130 · 87 130 · 87 130 · 79 130 · 79
6	134·79 135·29 135·87 136·87 136·95	$\begin{array}{c} 144\cdot04\\ 144\cdot04\\ 144\cdot70\\ 145\cdot12\\ 145\cdot70\\ \end{array}$	145 · 12 144 · 87 144 · 62 143 · 37 143 · 04	$135 \cdot 79$ $135 \cdot 79$ $135 \cdot 62$ $135 \cdot 54$ $135 \cdot 45$	131 · 62 131 · 45 131 · 37 131 · 20 131 · 12	128 · 70 128 · 62 128 · 70 128 · 54 128 · 62	$\begin{array}{c} 127 \cdot 62 \\ 127 \cdot 62 \\ 127 \cdot 62 \\ 127 \cdot 54 \\ 127 \cdot 54 \end{array}$	127 · 45 127 · 45 127 · 45 127 · 45 127 · 54	128·37 128·37 128·37 129·37 129·37	130 · 04 129 · 87 130 · 04 130 · 12 130 · 04	129 · 87 129 · 95 130 · 20 130 · 20 130 · 20	$\begin{array}{c} 130 \cdot 70 \\ 130 \cdot 70 \\ 130 \cdot 70 \\ 130 \cdot 79 \\ 130 \cdot 79 \end{array}$
11	$\begin{array}{c} 137 \cdot 45 \\ 138 \cdot 20 \\ 138 \cdot 70 \\ 138 \cdot 87 \\ 138 \cdot 70 \end{array}$	145 · 95 146 · 37 146 · 62 146 · 95 147 · 12	142.54 142.29 142.04 141.70 141.45	$\begin{array}{c} 135 \cdot 29 \\ 135 \cdot 12 \\ 135 \cdot 04 \\ 134 \cdot 87 \\ 134 \cdot 70 \end{array}$	131 · 04 130 · 95 130 · 87 130 · 79 130 · 79	128 · 54 128 · 62 128 · 62 128 · 54 128 · 45	$\begin{array}{c} 127 \cdot 29 \\ 127 \cdot 20 \\ 127 \cdot 29 \\ 127 \cdot 37 \\ 127 \cdot 37 \end{array}$	127 · 70 127 · 54 127 · 45 127 · 54 127 · 54 127 · 37	129·37 129·37 128·37 129·37 129·62	130 · 04 130 · 04 130 · 12 130 · 12 130 · 12	130 · 45 130 · 62 130 · 54 130 · 54 130 · 62	130 · 87 130 · 95 130 · 87 130 · 79 130 · 79
16. 17. 18. 19.	138 · 62 138 · 04 137 · 70 138 · 04 137 · 95	147 · 29 147 · 29 147 · 37 147 · 29 147 · 04	141 · 12 140 · 70 140 · 54 140 · 37 140 · 12	134 · 45 134 · 29 134 · 37 134 · 29 134 · 20	130 · 70 130 · 62 130 · 54 130 · 45 130 · 29	128 · 54 128 · 45 128 · 37 128 · 37 128 · 29	$\begin{array}{c} 127 \cdot 29 \\ 127 \cdot 29 \\ 127 \cdot 20 \\ 127 \cdot 12 \\ 127 \cdot 37 \end{array}$	127 · 29 127 · 45 127 · 45 127 · 79 127 · 62	$\begin{array}{c} 129\cdot 62 \\ 129\cdot 70 \end{array}$	130 · 12 130 · 12 130 · 04 129 · 95 129 · 79	130 · 62 130 · 70 130 · 70 130 · 70 130 · 70	130 · 87 130 · 79 130 · 79 130 · 79 130 · 62
21 22 23 24 25	137 · 29 136 · 12 135 · 87 135 · 95 136 · 20	147 · 04 146 · 79 146 · 54 146 · 45 146 · 45	139·79 139·54 139·29 138·87 138·70	134 · 04 133 · 87 133 · 62 133 · 54 133 · 37	130 · 20 129 · 95 129 · 79 129 · 70 129 · 87	$\begin{array}{c} 128 \cdot 20 \\ 128 \cdot 12 \\ 128 \cdot 20 \\ 128 \cdot 12 \\ 128 \cdot 12 \\ \end{array}$	$\begin{array}{c} 127 \cdot 37 \\ 127 \cdot 29 \\ 127 \cdot 29 \\ 127 \cdot 20 \\ 127 \cdot 20 \end{array}$	127 · 62 127 · 29 127 · 29 127 · 29 127 · 87	129 · 87 129 · 87 129 · 87 129 · 87 129 · 87	129 · 79 129 · 87 130 · 04 130 · 04 130 · 12	130 · 54 130 · 54 130 · 62 130 · 70 130 · 70	130 · 62 130 · 62 130 · 54 130 · 54 130 · 62
26. 27. 28. 29. 30.	136 · 54 137 · 54 138 · 54 139 · 45 140 · 12	146·37 146·12 145·87 145·62 145·37 145·29	138 · 45 138 · 12 137 · 79 137 · 54 137 · 37	$\begin{array}{c} 133\cdot 12\\ 132\cdot 95\\ 132\cdot 87\\ 132\cdot 80\\ 132\cdot 62\\ 132\cdot 37\end{array}$	129·87 129·79 129·79 129·54 129·37 129·29	127 · 99 127 · 87 127 · 74 127 · 70 127 · 87	127 · 20 127 · 37 127 · 45 127 · 45 127 · 45 127 · 45	128 · 04 127 · 70 127 · 87 128 · 04 128 · 12	129 · 87 129 · 87 129 · 87 129 · 79 129 · 95 130 · 04		130 · 87 130 · 95 130 · 95	130 · 79 131 · 12 131 · 20 131 · 37 131 · 62 131 · 54

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Rideau Locks, for 1909-10. TABLE No. 253.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	131·87 132·37 132·79 133·20 133·95	140 · 95 141 · 29 142 · 12 142 · 12 142 · 20	148 · 54 148 · 04 147 · 62 147 · 12 146 · 62	137 · 54 137 · 37 137 · 12 136 · 87 136 · 70	137 · 12 136 · 95 136 · 79 136 · 37 136 · 04	132 · 29 132 · 20 132 · 12 132 · 12 132 · 12	132 · 29 132 · 20 132 · 12 132 · 12 132 · 20	131 · 54 131 · 54 131 · 54 131 · 54 131 · 54	132·12 132·29 132·29 132·29 132·20	131·87 131·79 131·79 131·79 131·79	131·79 131·70 131·60 131·60 131·45	130 · 54 130 · 54 130 · 54 130 · 70 131 · 04
6	135 · 12 136 · 87 138 · 95 139 · 54 138 · 87	141·54 141·37 141·20 141·20 141·45	145.87 145.45 145.04 144.37 143.87	136 · 45 136 · 20 136 · 12 135 · 87 135 · 62	$135 \cdot 79$ $135 \cdot 37$ $135 \cdot 04$ $134 \cdot 87$ $134 \cdot 62$	132 · 12 132 · 29 132 · 20 132 · 20 132 · 20	132·29 132·37 132·37 132·29 132·12	131·54 131·45 131·45 131·54 131·54	$\begin{array}{c} 132\cdot 20 \\ 132\cdot 20 \\ 132\cdot 20 \\ 132\cdot 04 \\ 132\cdot 04 \end{array}$	131·79 131·70 131·54 131·45 131·45	131 · 12 131 · 29 131 · 29 131 · 20 131 · 12	131 · 62 132 · 37 133 · 37 133 · 54 133 · 29
11	137 · 95 137 · 37 137 · 29 137 · 95 139 · 04	142·37 143·54 144·29 145·12 145·29	143 · 12 142 · 87 142 · 29 141 · 95 141 · 37	135·37 135·20 134·95 134·79 134·54	$134 \cdot 37$ $134 \cdot 12$ $134 \cdot 04$ $133 \cdot 87$ $133 \cdot 70$	132 · 29 132 · 29 132 · 29 132 · 29 132 · 37	132 · 04 131 · 95 131 · 87 131 · 79 131 · 70	131·54 131·54 131·54 131·54 131·54	$\begin{array}{c} 132\cdot04\\ 132\cdot04\\ 132\cdot04\\ 132\cdot62\\ 133\cdot20\\ \end{array}$	131 · 45 131 · 37 131 · 37 131 · 29 131 · 37	131 · 12 131 · 12 131 · 12 131 · 04 130 · 87	133 · 04 132 · 87 132 · 70 132 · 54 132 · 29
16. 17. 18. 19.	139 · 04 139 · 20 139 · 45 139 · 87 140 · 37	145-87 146-29 146-54 147-04 147-54	141 · 12 140 · 70 140 · 37 140 · 12 139 · 70	134·37 134·20 134·12 134·37 134·29	133 · 95 133 · 87 133 · 62 133 · 45 133 · 37	132 · 37 132 · 45 132 · 45 132 · 45 132 · 45	131 · 62 131 · 45 131 · 37 131 · 45 131 · 45	131·54 131·54 131·54 131·54 131·54	133 · 12 133 · 12 132 · 95 132 · 95 132 · 95	131·37 131·37 131·27 131·29 131·20	130 · 87 130 · 79 130 · 79 130 · 79 130 · 79	132 · 04 131 · 87 131 · 70 131 · 62 131 · 87
21 22 23 24 25	140 · 45 140 · 45 140 · 29 140 · 20 140 · 37	148 · 04 148 · 54 148 · 62 148 · 87 149 · 04	139 · 70 139 · 62 139 · 45 139 · 37 139 · 12	134 · 12 134 · 12 133 · 95 134 · 29 134 · 37	133 · 37 133 · 20 133 · 12 133 · 20 132 · 95	132 · 54 132 · 54 132 · 54 132 · 45 132 · 37	131 · 54 131 · 54 131 · 45 131 · 45 131 · 45	131 · 62 131 · 87 132 · 04 132 · 12 132 · 20	132 · 87 132 · 79 132 · 70 132 · 62 132 · 62	131 · 29 131 · 54 131 · 95 132 · 12 132 · 12	130 · 70 130 · 70 130 · 70 130 · 70 130 · 70	132 · 29 132 · 62 132 · 87 133 · 20 133 · 37
26 27 28 29 30 31	140 · 70 140 · 70 140 · 79 140 · 79 140 · 95	149 · 12 149 · 12 149 · 20 149 · 20 149 · 12 148 · 87	138·87 138·70 138·45 138·12 137·79	134 · 62 135 · 37 136 · 12 136 · 70 137 · 20 137 · 29	132 · 95 132 · 79 132 · 62 132 · 54 132 · 37 132 · 37	132·37 132·29 132·29 132·29 132·29	131 · 54 131 · 54 131 · 62 131 · 54 131 · 45 131 · 45	132·20 132·20 132·12 132·12 132·12	$\begin{array}{c} 132 \cdot 54 \\ 132 \cdot 45 \\ 132 \cdot 45 \\ 132 \cdot 37 \\ 132 \cdot 20 \\ 132 \cdot 04 \end{array}$	131 - 87	130 · 54 130 · 45 130 · 45	133 · 70 134 · 04 134 · 29 134 · 54 134 · 70 135 · 12

ELEVATIONS above M.S.L. of Ottawa River at Rideau Locks, for 1910-11.

										TA	BLE No	. 254.
1	135·79 136·29 136·62 137·12 137·37	140·29 140·29 140·20 140·20 140·12	136 · 54 136 · 62 136 · 62 136 · 87 137 · 12	133 · 79 133 · 62 133 · 45 133 · 37 133 · 29	$130 \cdot 04$ $130 \cdot 12$ $130 \cdot 12$ $130 \cdot 20$ $130 \cdot 20$	130 · 45 130 · 62 130 · 70 130 · 62 130 · 79	129·29 129·12 129·20 129·37 129·45	131 · 45 131 · 37 131 · 37 131 · 45 131 · 45	131 · 87 131 · 79 131 · 79 131 · 79 131 · 79	130 · 62 130 · 62 130 · 62 130 · 54 130 · 54	129·70 129·70 129·70 129·70 129·70	129·04 128·95 128·95 128·87 128·79
6 7	137·54 137·87 138·29 138·54 138·79	139·95 139·87 139·37 139·20 138·87	137-37 137-45 137-62 137-62 137-62	133 · 20 133 · 04 132 · 79 132 · 54 132 · 45	130 · 12 130 · 04 130 · 20 130 · 12 130 · 12	130 · 95 130 · 87 130 · 70 130 · 62 130 · 62	129 · 62 130 · 37 130 · 70 130 · 70 130 · 87	131 · 45 131 · 45 131 · 54 131 · 70 131 · 79	131 · 87 131 · 95 131 · 95 131 · 87 131 · 79	130 · 45 130 · 45 130 · 45 130 · 45 130 · 37	129 · 62 129 · 62 129 · 62 129 · 62 129 · 62	128·70 128·70 128·62 128·62 128·62
11	$\begin{array}{c} 139\cdot04\\ 139\cdot12\\ 138\cdot95\\ 138\cdot87\\ 138\cdot70 \end{array}$	138 · 62 138 · 37 138 · 29 138 · 04 137 · 88	137 · 62 137 · 54 137 · 37 137 · 20 137 · 04	132·37 132·20 132·12 132·04 131·95	$\begin{array}{c} 130 \cdot 20 \\ 130 \cdot 12 \end{array}$	130 · 45 130 · 45 130 · 37 130 · 37 130 · 29	$131 \cdot 12$ $131 \cdot 29$ $131 \cdot 54$ $131 \cdot 70$ $131 \cdot 79$	131 · 87 131 · 79 131 · 70 131 · 79 131 · 87	131 · 70 131 · 70 131 · 54 131 · 54 131 · 45	$\begin{array}{c} 130 \cdot 37 \\ 130 \cdot 29 \\ 130 \cdot 20 \\ 130 \cdot 12 \\ 130 \cdot 12 \end{array}$	129 · 62 129 · 62 129 · 62 129 · 62 129 · 62	128-62 128-62 128-62 128-62 128-70
16	$\begin{array}{c} 138\cdot 62 \\ 138\cdot 45 \\ 138\cdot 29 \\ 138\cdot 12 \\ 138\cdot 12 \end{array}$	137 · 79 137 · 54 137 · 37 137 · 20 137 · 04	136·87 136·70 136·54 136·29 136·12	131·79 131·62 131·54 131·37 131·20	$\begin{array}{c} 130 \cdot 20 \\ 130 \cdot 20 \\ 130 \cdot 12 \\ 130 \cdot 20 \\ 130 \cdot 20 \end{array}$	130 · 20 130 · 20 129 · 95 129 · 87 129 · 87	131 · 54 131 · 54 131 · 70 131 · 54 131 · 54	131·79 131·79 131·70 131·70 131·70	$\begin{array}{c} 131 \cdot 37 \\ 131 \cdot 29 \\ 131 \cdot 20 \\ 131 \cdot 20 \\ 131 \cdot 20 \end{array}$	130 · 12 130 · 04 129 · 95 129 · 87 129 · 79	129 · 62 129 · 54 129 · 54 129 · 54 129 · 54	128 · 70 128 · 70 128 · 70 128 · 70 128 · 70
21	138 · 20 138 · 37 138 · 62 138 · 79 139 · 20	136·79 136·79 136·70 136·54 136·45	135 · 87 135 · 70 135 · 54 135 · 37 135 · 20	131 · 12 131 · 04 130 · 95 130 · 95 130 · 87	130 · 12 130 · 20 130 · 20 130 · 29 130 · 29	129 · 70 129 · 62 129 · 62 129 · 54 129 · 37	131 · 45 131 · 37 131 · 37 131 · 29 131 · 37	131·70 131·70 131·70 131·79 131·87	131·12 130·95 130·87 130·79 130·79	129·79 129·79 129·87 129·87 129·87	129·54 129·54 129·54 129·37 129·20	128 · 79 128 · 95 129 · 20 129 · 20 129 · 20
26	139 · 62 139 · 87 140 · 12 140 · 29 140 · 37	136·45 136·37 136·29 136·29 136·37 136·45	134-87 134-62 134-45 134-20 134-04	$\begin{array}{c} 130 \text{-} 62 \\ 130 \cdot 54 \\ 130 \cdot 45 \\ 130 \cdot 37 \\ 130 \cdot 29 \\ 130 \cdot 12 \end{array}$	130 · 20 130 · 29 130 · 04 130 · 20 130 · 37 130 · 29	129 · 45 129 · 45 129 · 37 129 · 37 129 · 29	131·29 131·37 131·45 131·45 131·37 131·45	132·04 132·04 132·12 132·04 131·95	130 · 79 130 · 87 130 · 79 130 · 79 130 · 79 130 · 70		129·12 129·04 129·04	129 · 20 129 · 20 129 · 45 129 · 70 129 · 87 130 · 04

6 George V, A. 1916 Elevations above M.S.L. of Ottawa River at Rideau Locks, for 1911–12.

TABLE No. 255.

											ADUU .	
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	130 · 20 130 · 20 130 · 20 130 · 29 130 · 29	138·37 138·95 139·62 140·37 141·29	140 · 29 140 · 12 139 · 87 139 · 79 139 · 79	135 · 54 135 · 54 135 · 54 135 · 29 135 · 12	130 · 45 130 · 45 130 · 45 130 · 37 130 · 37	129 · 45 129 · 45 129 · 37 129 · 29 129 · 29	128 · 29 128 · 29 128 · 29 128 · 37 128 · 29	128-45 128-37 128-37 128-37 128-37	130·79 130·87 131·04 131·20 131·37	133·37 133·37 133·20 132·87 132·79	131 · 29 131 · 20 131 · 10 131 · 04 130 · 87	130·29 130·37 130·37 130·37 130·37
6	130 · 37 130 · 79 131 · 70 132 · 79 134 · 12	141·79 141·95 142·37 142·70 143·04	139·79 139·62 139·37 139·12 138·87	$134 \cdot 79$ $134 \cdot 45$ $134 \cdot 29$ $134 \cdot 04$ $133 \cdot 79$	$\begin{array}{c} 130 \cdot 37 \\ 130 \cdot 29 \\ 130 \cdot 29 \\ 130 \cdot 54 \\ 130 \cdot 70 \end{array}$	129 · 29 129 · 29 129 · 37 129 · 20 129 · 04	128 · 29 128 · 20 128 · 04 128 · 04 128 · 12	128 · 45 128 · 62 128 · 70 128 · 87 129 · 04	$131 \cdot 37$ $131 \cdot 29$ $131 \cdot 29$ $131 \cdot 12$ $131 \cdot 04$	$132 \cdot 62$ $132 \cdot 54$ $132 \cdot 37$ $132 \cdot 37$ $132 \cdot 20$	130 · 87 130 · 87 130 · 79 130 · 79 130 · 70	130·37 130·37 130·45 130·45 130·45
11	135 · 12 135 · 45 135 · 87 136 · 20 136 · 45	143.04 142.79 142.37 142.20 142.04	138 · 62 138 · 37 138 · 54 138 · 70 138 · 70	$\begin{array}{c} 133 \cdot 45 \\ 133 \cdot 20 \\ 132 \cdot 95 \\ 132 \cdot 62 \\ 132 \cdot 45 \end{array}$	130.95 130.95 130.87 130.95 131.04	128 · 95 128 · 87 128 · 87 128 · 79 128 · 95	128 · 20 128 · 20 128 · 12 128 · 12 127 · 95	129·12 129·12 129·20 129·45 129·70	130 · 87 130 · 79 130 · 95 131 · 20 131 · 29	132 · 12 131 · 95 131 · 87 131 · 87 131 · 87	130 · 62 130 · 54 130 · 54 130 · 45 130 · 37	130 · 54 130 · 54 130 · 54 130 · 54 130 · 54
16	136·37 136·12 135·70 135·29 134·95	141 · 87 141 · 62 141 · 20 140 · 95 140 · 62	138 · 62 138 · 45 138 · 37 138 · 12 137 · 87	$\begin{array}{c} 132 \cdot 20 \\ 132 \cdot 12 \\ 132 \cdot 12 \\ 132 \cdot 04 \\ 131 \cdot 87 \end{array}$	$\begin{array}{c} 130 \cdot 70 \\ 130 \cdot 62 \\ 130 \cdot 79 \\ 130 \cdot 62 \\ 130 \cdot 37 \end{array}$	128 · 87 128 · 70 128 · 70 128 · 70 128 · 62	127 · 95 128 · 12 128 · 20 128 · 20 128 · 20	129 · 79 129 · 87 130 · 04 129 · 79 130 · 04	$\begin{array}{c} 131 \cdot 20 \\ 131 \cdot 20 \\ 131 \cdot 12 \\ 131 \cdot 29 \\ 131 \cdot 29 \end{array}$	131 · 87 131 · 79 131 · 70 131 · 70 131 · 70	130 · 29 130 · 29 130 · 29 130 · 37 130 · 29	130 · 54 130 · 54 130 · 62 130 · 62 130 · 62
21	134 · 79 135 · 20 135 · 20 134 · 37 135 · 37	140 · 29 140 · 04 140 · 20 140 · 62 140 · 70	137 · 62 137 · 20 137 · 04 136 · 70 136 · 54	131 · 70 131 · 62 131 · 37 131 · 29 131 · 20	$\begin{array}{c} 130 \cdot 37 \\ 130 \cdot 20 \\ 130 \cdot 12 \\ 130 \cdot 12 \\ 130 \cdot 12 \end{array}$	128 · 70 128 · 62 128 · 54 128 · 54 128 · 62	128 · 12 128 · 12 128 · 12 128 · 12 128 · 20		132 · 87 132 · 70 132 · 70 132 · 54 132 · 45	131 · 70 131 · 70 131 · 70 131 · 70 131 · 70	130 · 29 130 · 29 130 · 29 130 · 29 130 · 29	130 · 62 130 · 62 130 · 62 130 · 62 130 · 62
26. 27. 28. 29. 30. 31.	135 · 54 135 · 87 136 · 37 136 · 87 137 · 54	140 · 70 140 · 79 140 · 79 140 · 79 140 · 62 140 · 45	136·37 136·20 135·95 135·87 135·70	131 · 04 130 · 95 130 · 79 130 · 70 130 · 45 130 · 45	130 · 04 130 · 04 129 · 87 129 · 79 129 · 79 129 · 79	128-45 128-45 128-37 128-37 128-37	128 · 29 128 · 29 128 · 29 127 · 95 128 · 20 128 · 45	130 · 70 130 · 79 130 · 70 130 · 79	132 · 37 132 · 54 132 · 79 132 · 87 132 · 79 133 · 20	131·70 131·70 131·54 131·37 131·37		130 · 54 130 · 54 130 · 45 130 · 45 130 · 45

Elevations above M.S.L. of Ottawa River at Rideau Locks, for 1912-13.

TABLE No. 256

1	130 · 45 130 · 54 130 · 54 130 · 45 130 · 45	$\begin{array}{c} 139 \cdot 37 \\ 139 \cdot 29 \\ 139 \cdot 29 \\ 139 \cdot 20 \\ 139 \cdot 12 \end{array}$	144 · 12 143 · 87 143 · 70 143 · 54 143 · 29	136 · 87 136 · 62 136 · 37 136 · 12 135 · 87	132 · 20 132 · 04 131 · 87 131 · 87 131 · 87	131 · 04 130 · 95 130 · 95 130 · 87 130 · 87	130 · 54 130 · 54 130 · 45 130 · 37 130 · 37	133 · 79 133 · 87 133 · 79 133 · 79 133 · 87	133 · 54 133 · 54 133 · 79 434 · 12 134 · 54	133 · 45 133 · 29 133 · 37 133 · 62 133 · 87	133 · 87 133 · 79 133 · 79 133 · 70 133 · 45	132·45 132·45 132·37 132·70 132·70
6	$130 \cdot 45$ $131 \cdot 04$ $133 \cdot 29$ $135 \cdot 37$ $135 \cdot 62$	$\begin{array}{c} 139 \cdot 20 \\ 139 \cdot 20 \\ 139 \cdot 20 \\ 139 \cdot 29 \\ 139 \cdot 29 \end{array}$	142 · 95 142 · 54 142 · 37 142 · 12 141 · 95	135 · 62 135 · 37 135 · 29 135 · 04 134 · 79	131 · 79 131 · 62 131 · 54 131 · 45 131 · 70	130 · 79 130 · 87 130 · 70 130 · 95 130 · 95	130 · 37 130 · 37 130 · 37 130 · 29 130 · 29	133 · 79 134 · 37 135 · 70 136 · 29 136 · 37	$134 \cdot 45$ $134 \cdot 62$ $134 \cdot 95$ $135 \cdot 37$ $135 \cdot 70$	134 · 04 133 · 87 133 · 70 133 · 54 133 · 37	133 · 37 133 · 29 133 · 12 133 · 04 132 · 87	$\begin{array}{c} 132 \cdot 70 \\ 132 \cdot 79 \\ 132 \cdot 79 \\ 132 \cdot 70 \\ 132 \cdot 70 \end{array}$
11	135 · 95 136 · 37 136 · 95 137 · 04 137 · 12	139·37 139·37 139·87 140·04 140·20	141·70 141·37 141·04 140·70 140·54	$134 \cdot 70$ $134 \cdot 54$ $134 \cdot 37$ $134 \cdot 37$ $134 \cdot 29$	131 · 70 131 · 70 131 · 87 131 · 95 131 · 95	130 · 95 130 · 87 130 · 87 130 · 87 130 · 79	$\begin{array}{c} 130 \cdot 37 \\ 130 \cdot 54 \\ 130 \cdot 29 \\ 130 \cdot 29 \\ 130 \cdot 29 \end{array}$	136 · 45 136 · 37 136 · 54 136 · 54 136 · 54	$135 \cdot 62$ $135 \cdot 54$ $135 \cdot 37$ $135 \cdot 37$ $135 \cdot 12$	133 · 20 133 · 12 133 · 12 133 · 12 133 · 12	132·79 132·79 132·79 132·79 132·79	132 · 62 132 · 54 132 · 54 132 · 45 132 · 79
16	137 · 45 137 · 62 137 · 62 137 · 79 137 · 95	140 · 45 140 · 79 141 · 45 141 · 79 141 · 95	$140 \cdot 20$ $140 \cdot 04$ $139 \cdot 87$ $139 \cdot 70$ $139 \cdot 62$	$134 \cdot 20$ $134 \cdot 12$ $133 \cdot 95$ $133 \cdot 95$ $133 \cdot 79$	131 · 87 131 · 87 131 · 62 131 · 62 131 · 62	130 · 87 130 · 79 130 · 79 130 · 70 130 · 70	130 · 29 130 · 37 130 · 37 130 · 37 130 · 54	136 · 62 136 · 12 135 · 79 135 · 54 135 · 37	134 · 87 134 · 79 134 · 95 134 · 79 134 · 54	133 · 20 133 · 45 133 · 87 134 · 12 134 · 29	132 · 79 132 · 87 132 · 87 132 · 87 132 · 87	133 · 70 134 · 87 135 · 04 134 · 70 135 · 70
21	138 · 04 138 · 20 138 · 95 139 · 37 139 · 54	142 · 04 141 · 95 141 · 87 141 · 70 142 · 20	139 · 62 139 · 54 139 · 37 139 · 20 138 · 87	133 · 70 133 · 62 133 · 45 133 · 37 133 · 20	131 · 45 131 · 29 131 · 04 130 · 79 130 · 95	130 · 70 130 · 62 130 · 62 130 · 79 130 · 79	130 · 87 130 · 95 131 · 37 131 · 70 132 · 45	134 · 87 134 · 62 134 · 54 134 · 62 134 · 54	134 · 54 134 · 37 134 · 12 134 · 12 134 · 04	134 · 45 134 · 45 134 · 37 134 · 37 134 · 37	$\begin{array}{c} 132 \cdot 79 \\ 132 \cdot 79 \\ 132 \cdot 70 \\ 132 \cdot 70 \\ 132 \cdot 70 \end{array}$	137·37 139·54 139·79 139·87 140·37
26. 27. 28. 29. 30.	139-62 139-37 139-37 139-45 139-37	142 · 45 142 · 70 142 · 87 143 · 12 143 · 54 144 · 04	138·70 138·37 138·04 137·62 137·20	132 · 95 132 · 70 132 · 62 132 · 54 132 · 45 132 · 45	131 · 20 131 · 12 130 · 95 131 · 04 131 · 04 130 · 95	130 · 79 130 · 70 130 · 62 130 · 54 130 · 54	132·87 133·29 133·45 133·79 133·87 133·79	134·37 134·12 133·95 133·79 133·70	133 · 95 133 · 87 133 · 70 133 · 62 133 · 54 133 · 54	134 · 29 134 · 20 131 · 04 133 · 95 133 · 95 133 · 95	132 · 54 132 · 54	141·70 141·37 141·12 140·87 140·70 140·62

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Rideau Locks, for 1913-14.

TABLE No. 257.

	1 ABLE No. 257.									No. 257.		
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	142·37 142·62 142·37 142·20 142·45	141·37 141·87 142·62 142·87 143·37	137 · 79 137 · 54 137 · 37 137 · 12 136 · 87	131 · 62 131 · 54 131 · 45 131 · 29 131 · 29	130 · 70 130 · 54 130 · 37 130 · 37 130 · 29	129·37 129·45 129·54 129·62 129·62	129 · 54 129 · 62 129 · 54 129 · 54 129 · 37	132·54 132·45 132·45 132·37 132·29	134 · 54 134 · 54 134 · 45 134 · 45 134 · 45	133 · 45 133 · 29 133 · 37 133 · 29 133 · 12	131 · 62 131 · 62 131 · 70 131 · 62 131 · 54	131·37 131·45 131·45 131·37 131·20
6	$\begin{array}{c} 142 \cdot 45 \\ 142 \cdot 37 \\ 142 \cdot 12 \\ 141 \cdot 45 \\ 140 \cdot 62 \end{array}$	143 · 62 143 · 54 143 · 37 143 · 12 142 · 79	136 · 62 136 · 45 136 · 29 136 · 12 135 · 87	$\begin{array}{c} 131 \cdot 29 \\ 131 \cdot 29 \\ 131 \cdot 62 \\ 131 \cdot 54 \\ 131 \cdot 45 \end{array}$	130 · 29 130 · 20 130 · 12 130 · 04 129 · 95	$\begin{array}{c} 129\cdot 54 \\ 129\cdot 54 \\ 129\cdot 45 \\ 129\cdot 45 \\ 129\cdot 37 \end{array}$	129·37 129·37 129·29 129·29 129·20	132 · 12 132 · 04 132 · 04 132 · 54 132 · 29	134 · 45 134 · 54 134 · 70 134 · 37 134 · 37	132 · 95 132 · 79 132 · 70 132 · 54 132 · 45	$131 \cdot 62$ $131 \cdot 62$ $131 \cdot 54$ $131 \cdot 62$ $131 \cdot 54$	131 · 12 131 · 04 131 · 04 130 · 95 131 · 04
11	140 · 12 139 · 95 139 · 87 139 · 79 139 · 54	$\begin{array}{c} 142 \cdot 54 \\ 142 \cdot 20 \\ 142 \cdot 04 \\ 141 \cdot 54 \\ 141 \cdot 12 \end{array}$	$\begin{array}{c} 135\cdot 62 \\ 135\cdot 87 \\ 135\cdot 79 \\ 135\cdot 62 \\ 135\cdot 37 \end{array}$	$\begin{array}{c} 131 \cdot 29 \\ 131 \cdot 29 \\ 131 \cdot 29 \\ 131 \cdot 29 \\ 131 \cdot 12 \end{array}$	129 · 87 129 · 79 129 · 70 129 · 70 129 · 70	$\begin{array}{c} 129\cdot 12 \\ 129\cdot 20 \\ 129\cdot 12 \\ 128\cdot 87 \\ 129\cdot 04 \end{array}$	129 · 12 128 · 87 129 · 04 129 · 04 129 · 04	132·45 132·45 132·70 132·95 133·29	134 · 20 133 · 95 133 · 79 133 · 70 133 · 54	$\begin{array}{c} 132 \cdot 37 \\ 132 \cdot 29 \\ 132 \cdot 20 \\ 132 \cdot 12 \\ 131 \cdot 87 \end{array}$	131 · 54 131 · 54 131 · 54 131 · 45 131 · 45	130 · 95 130 · 95 130 · 87 130 · 95 130 · 95
16. 17. 18. 19.	139·54 139·54 139·54 139·54 139·70	140 · 79 140 · 62 140 · 29 139 · 95 139 · 62	135 · 37 135 · 29 134 · 95 134 · 79 134 · 62	131 · 20 131 · 20 131 · 37 131 · 29 131 · 20	129 · 62 129 · 54 129 · 62 129 · 62 129 · 54	$\begin{array}{c} 129\cdot04 \\ 128\cdot95 \\ 128\cdot95 \\ 128\cdot95 \\ 128\cdot95 \end{array}$	$\begin{array}{c} 129\cdot 12 \\ 129\cdot 29 \\ 129\cdot 45 \\ 129\cdot 20 \\ 129\cdot 70 \end{array}$	133 · 45 133 · 62 133 · 62 133 · 62 133 · 95	133 · 54 133 · 62 133 · 54 133 · 70 133 · 95	131 · 95 131 · 87 131 · 87 131 · 87 131 · 87	131 · 45 131 · 45 131 · 54 131 · 54 131 · 45	130 · 95 131 · 04 131 · 04 131 · 12 131 · 29
21 22 23 24 25	139 · 87 139 · 95 139 · 87 139 · 79 139 · 70	139 · 20 138 · 62 138 · 62 138 · 62 138 · 54	134 · 54 134 · 45 134 · 37 134 · 29 133 · 95	$\begin{array}{c} 131 \cdot 37 \\ 131 \cdot 37 \\ 131 \cdot 29 \\ 131 \cdot 29 \\ 131 \cdot 12 \end{array}$	$\begin{array}{c} 129\cdot 45 \\ 129\cdot 37 \\ 129\cdot 29 \\ 129\cdot 20 \\ 129\cdot 37 \end{array}$	129 · 04 129 · 20 129 · 37 129 · 37 129 · 37	130 · 04 130 · 54 130 · 87 130 · 79 131 · 54	133 · 95 134 · 04 133 · 95 133 · 95 133 · 87	$133 \cdot 79$ $133 \cdot 45$ $133 \cdot 29$ $133 \cdot 54$ $133 \cdot 45$	131 · 79 131 · 79 131 · 79 131 · 70 131 · 70	131 · 45 131 · 45 131 · 45 131 · 45 131 · 37	131 · 54 131 · 54 131 · 54 131 · 54 131 · 54
26 27 28 29 30 31	139·70 139·87 140·12 140·54 140·87	138 · 37 138 · 37 138 · 45 138 · 54 138 · 29 138 · 12	133 · 87 133 · 62 133 · 37 131 · 95 131 · 79	130 · 95 130 · 95 130 · 95 130 · 95 130 · 87 130 · 79	129·37 129·45 129·45 129·37 129·37 129·37	129·37 129·37 129·20 129·37 129·62	131 · 87 132 · 04 132 · 54 132 · 54 132 · 54 132 · 54	133 · 95 133 · 95 134 · 54 134 · 62 134 · 62	$\begin{array}{c} 133 \cdot 20 \\ 133 \cdot 20 \\ 133 \cdot 12 \\ 133 \cdot 12 \\ 133 \cdot 37 \\ 133 \cdot 62 \end{array}$	$\begin{array}{c} 131 \cdot 62 \\ 131 \cdot 62 \\ 131 \cdot 79 \\ 131 \cdot 54 \\ 131 \cdot 62 \\ 131 \cdot 62 \end{array}$	131·37 131·45 131·45	131 62 132 · 37 133 · 62 134 · 04 134 37 134 · 54

Elevations above M.S.L. of Ottawa River at Rideau Locks, for 1914-15.

TABLE No. 258. 127 · 45 127 · 37 127 · 37 127 · 29 127 · 20 $^{134\cdot 62}_{134\cdot 87}_{134\cdot 95}$ 136-62 134 - 16 133-08 128-12 $^{127 \cdot 70}_{127 \cdot 62}_{127 \cdot 87}$ 129.83 129.04 128-87 129-12 128 · 12 128 · 04 127 · 87 127 · 99 127 · 99 136 · 70 136 · 87 137 · 20 134-04 129·70 129·62 129·54 129.04 128 · 79 128 · 79 128 · 79 129.04 129·45 129·79 3.... 133 - 12 129.04 129.70 5..... 134 - 95 120.04 129 - 62 133 - 70 129.45 129.37 129.87 $128 \cdot 79$ 129.04 $\begin{array}{c} 127 \cdot 37 \\ 127 \cdot 20 \\ 127 \cdot 16 \\ 127 \cdot 16 \\ 127 \cdot 20 \end{array}$ 127 · 95 128 · 04 127 · 95 127 · 87 134 - 54 129-29 133 - 54 132 - 95 $129 \cdot 37$ 128-04 120.87 128.79 129.04 137 · 54 137 · 45 137 · 72 137 · 79 137 · 87 134.04 133 - 54 129 - 20 129·87 129·79 132 · 87 132 · 70 128 - 12 $129 \cdot 04$ $129 \cdot 29$ $129 \cdot 54$ 129.04 $129 \cdot 20$ 133 · 70 133 · 29 129.04 129.79 129.04 9..... $128 \cdot 04$ 128 04 $129 \cdot 79$ $129 \cdot 54$ 129.04129-12 137 - 95 $133 \cdot 29$ 11 12 13 137 · 95 137 · 87 133 · 12 133 · 12 133 · 12 132 · 04 131 · 99 131 · 95 128 · 79 128 · 70 128 · 79 128 · 04 128 · 04 $126 \cdot 95$ $127 \cdot 45$ $127 \cdot 54$ 129 · 70 129 · 70 129 · 45 129 · 45 129.04 129 · 04 128 · 95 128 · 95 129-04 $128 \cdot 79$ $128 \cdot 04$ 129.37 129-12 127 · 62 127 · 70 127 · 54 127 · 62 131 - 95 132.70 128-04 128-04 129.37 17. 18. 19. 132 - 49 128 · 70 128 · 70 128 · 70 129 - 12 128 · 87 128 · 87 128 · 87 129 - 29 132 · 12 132 · 54 137 · 29 137 · 04 132 - 29 129 - 29 129 - 12 120.45 190.45 136 - 79 129-45 129 - 49 129.08 128 - 83 127 · 79 127 · 79 127 · 79 127 · 79 127 · 79 127 · 79 127 · 79 127 · 79 127 · 79 127 · 79 136·70 136·54 133 - 37 132.70 131,08 128-45 128-87 120.45 $129 \cdot 45$ 129.08 128 - 83 $133 \cdot 12$ 130 · 79 130 · 79 129.08 129.12 136-62 135-37 135-29 133 - 95 130 - 79 120.20 129 - 37 130 66 120.79 $133 \cdot 37$ 120.20 $129 \cdot 29$ 26. 27. 28. 134.79 $127 \cdot 70$ 127.79 135-04 $133 \cdot 20$ 130.58 $135.04 \\ 134.87$ 133 · 20 133 · 12 130 - 49 129 · 29 129 · 20 129 · 20 130.08 29. 30. 136-37 130 - 20 31.....

6 GEORGE V, A. 1916

Gauge Height in feet of Rideau River at Black Rapids Lower Sill, for 1912-13.

Table No. 259.

										IA	DLE IV	0. 208.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5		7·17 7·08 6·58 6·92 7·17	9·17 8·17 8·25 8·25 8·08	7·58 7·67 7·33 7·00 7·25	7·33 7·42 7·50 7·92 8·00	7·67 7·67 7·75 7·75 7·75	7·75 7·75 7·67 7·67 7·58	7·50 7·58 7·42 7·58 7·50	6·92 7·08 7·50 7·92 8·17	2·58 2·83 3·25 3·92 3·92	6.92 6.50 6.83 6.58 6.50	3·50 3·50 3·50 3·50 3·50
6	9·75 11·67 11·50 11·17	7.75 7.75 7.33 8.08 8.00	8·00 7·50 7·50 7·00 7·50	7·67 7·50 7·58 7·50 7·58	8·00 7·92 7·83 7·83 7·92	7·92 7·92 7·83 7·83 7·50	7·67 7·75 7·75 7·67 7·50	7·50 8·42 10·08 10·00 9·17	7·83 8·00 8·17 8·00 7·42	3·92 3·67 3·50 3·42 3·33	6·50 6·50 5·00 4·50 4·00	3·50 3·50 3·50 3·50 3·50
11	11.08 10.67 10.00 9.00 9.00	7·92 7·50 7·42 7·42 7·50	7·75 8·00 8·00 8·17 7·50	7·83 7·25 7·25 7·17 7·17	8·00 8·25 8·00 7·50 7·33	7·42 7·42 7·42 7·42 7·42 7·42	7·50 7·50 7·50 7·58 7·58	9·17 8·17 8·17 8·33 8·33	7·33 6·92 6·25 5·92 5·83	3·25 3·33 3·33 3·33 3·33	4.00 4.00 4.00 3.83 3.58	3·50 3·58 3·67 4·00 7·00
16. 17. 18. 19.	9·16 9·00 8·58 8·00 7·50	7·50 7·58 8·17 8·00 7·92	7·67 7·50 7·33 8·00 7·92	7·17 7·17 7·17 7·42 7·42	7·75 7·75 7·75 7·75 7·75	7·42 7·42 7·42 7·50 7·50	7·50 7·58 7·58 7·58 7·50	8·42 8·50 8·50 8·33 7·67	5·42 5·08 5·00 5·00 4·75	3·50 3·50 7·50 7·50 7·50	3·58 3·58 3·50 3·50 3·50	8·00 8·00 7·00 9·00 12·25
21 22 23 24 25	6·50 6·50 6·58 6·50 6·42	8·42 8·17 7·92 8·17 8·33	7·50 7·42 7·42 7·75 7·50	7·42 7·50 7·50 7·50 7·50	7·67 7·67 7·58 7·58 7·58	7·50 7·50 7·50 7·58 7·83	7·50 7·50 7·58 8·00 8·08	7·67 7·67 7·58 7·50 7·58	4·00 3·92 3·83 3·50 3·25	7·50 7·58 7·58 7·58 7·50	3·50 3·50 3·50 3·50 3·50	12.67
26	7·25 7·17 7·33	7·33 7·25 7·50 8·33 8·50 9·25	7·33 7·33 7·25 7·75 7·50	7·50 6·92 7·00 7·00 7·17 7·25	7.58 7.67 7.75 7.67 7.67 7.58	7.83 7.83 7.83 7.58 7.67	8·25 8·00 7·83 7·50 7·58 7·50	7.58 7.67 7.42 7.50 7.50	3·25 3·25 3·17 2·50 2·50 2·50			9.00

Gauge Height in feet of Rideau River at Black Rapids Lower Sill, for 1913-14.

										TA	BLE No	. 260.
1	11 · 25 10 · 75 10 · 25 10 · 00 11 · 00	8·25 8·25 8·25 8·25 8·33	7·92 8·08 7·75 7·17 7·25	6·58 6·58 6·58 6·58 6·58	7·75 7·67 7·42 7·42 7·17	7.92 7.92 7.67 7.58 7.58	7·67 7·67 7·67 7·67 7·67	7·50 7·50 7·50 7·58 7·58	4·42 3·58 3·33 2·75 2·83	3·00 3·00 3·00 3·00 3·00	2·00 2·00 2·00 2·50 2·50	2·50 2·50 2·50 2·50 2·50
6	11.00 10.25 10.00 9.83 9.50	8·08 8·00 7·83 7·83 7·83	7·00 6·83 6·92 7·17 7·00	6.58 6.58 6.58 6.58 6.58	7·33 7·25 7·58 7·58 7·58	7·58 7·67 7·67 7·58 7·58	7·67 7·67 7·67 7·58 7·67	7.58 7.58 7.58 7.75 8.75	2·92 3·17 3·17 3·00 3·00	3·00 3·00 3·00 3·00 3·00	$\begin{array}{c} 2 \cdot 50 \\ 2 \cdot 50 \end{array}$	2.50 2.50 2.50 2.50 2.50 2.50
11	9·75 8·25 8·25 8·00 8·00	7·83 7·83 7·83 7·67 7·67	7·08 7·83 6·75 6·58 6·67	6.58 6.58 6.58 6.58 6.58	7·50 7·25 7·08 7·58 7·75	7·42 7·50 7·67 7·67 7·67	7·67 7·58 7·58 7·58 7·58	8·75 8·75 8·58 8·17 8·17	3·00 3·00 3·00 3·00 3·00	2.50 2.00 2.00 2.00 2.00 2.00	2.50 2.50 2.50 2.50 2.50 2.50	2·50 2·50 2·50 2·50 2·50 2·50
16. 17. 18. 19. 20.	7·58 6·50 6·50 6·00 6·00	7.58 7.50 7.58 7.58 7.58	6.67 6.83 6.83 6.83 6.75	6.58 6.50 6.50 6.50 6.50	7·83 7·75 7·67 7·50 7·58	7·67 7·67 7·67 7·75 7·75	7·58 7·58 7·58 7·58 7·75	8·17 8·17 8·17 8·42 8·42	3·00 3·00 3·00 3·25 3·00	2·00 2·00 2·00 2·00 2·00	2.50 2.50 2.50 2.50 2.50	2·50 2·50 2·50 2·50 2·50 3·00
21	6.00 4.42 4.42 4.58 4.67	7·50 7·67 7·83 7·92 8·00	6.75 6.83 6.83 6.83 6.75	6·50 6·50 6·50 6·58 6·58	7·58 7·83 7·83 7·92 7·92	7·67 7·75 7·67 7·67 7·67	7·75 7·75 7·75 7·75 7·67	8·25 8·25 8·25 8·25 7·58	3.00 3.00 3.00 3.00 3.00	2·00 2·00 2·00 2·00 2·00 2·00	2·50 2·50 2·50 2·50 2·50 2·50	3·00 3·00 3·00 6·00
26	4·83 4·42 4·00 4·00 5·83	8·00 8·00 8·25 8·92 9·00 8·92 .	6·75 6·75 6·67 6·58 6·58	6.58 6.58 6.58 6.58 6.58 6.58	7.92 8.00 7.83 8.00 7.83 8.00	7.67 7.67 7.67 7.58 7.58	7.67 7.67 7.75 7.75 7.75 7.50	7.58 7.67 7.67 7.17 6.33	3·00 3·00 3·00 3·00 3·00 3·00	2.00	2·50 2·50 2·50	$\begin{array}{c} 7 \cdot 17 \\ 9 \cdot 00 \\ 10 \cdot 00 \\ 10 \cdot 17 \\ 10 \cdot 67 \\ 10 \cdot 00 \end{array}$

SESSIONAL PAPER No. 19a

GAUGE HEIGHT in feet of Rideau River at Black Rapids Lower Sill, for 1914-15.

										IABLE No. 261.		
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	10.00 10.00 9.50 9.00 8.00	8·33 8·00 7·83 7·67 7·50	7·83 8·00 8·00 8·00 8·00	8·00 8·00 8·00 8·00 8·00	7·50 7·58 7·58 7·58 7·58	8·00 7·67 7·75 8·00 8·00	8·00 8·00 7·92 7·92 7·92	7·58 7·58 7·50 7·50 7·50	5·58 5·42 4·33 4·00 4·00	1·50 1·50 1·50 1·50 1·50	2·50 2·50 2·50 2·50 2·50 2·50	3·50 3·50 3·50 3·50 3·50
6	7·50 7·17 7·00 6·50 5·17	7·33 7·33 7·33 7·33 7·33	8·00 8·00 8·00 8·00 8·00	8·00 8·00 8·00 8·00 8·00	7.67 7.67 7.67 7.67 7.67	8·00 8·00 7·92 7·83 7·75	7·92 7·75 7·67 7·67 7·58	7·50 8·00 8·00 8·00 7·67	3 · 83 3 · 67 3 · 50 3 · 50 3 · 50	1·67 1·67 1·67 1·67	2·50 2·50 2·50 2·50 2·50	3·50 3·50 3·50 3·50 3·50
11	5.83 5.17 5.17 6.00 7.00	7·50 7·50 7·50 7·33 7·33	8·00 7·83 8·00 8·00 8·00	8·00 7·92 7·92 7·75 7·75	7 · 67 7 · 67 7 · 50 7 · 58 7 · 58	7·67 7·92 8·00 7·83 7·67	7.58 7.58 7.58 7.42 7.42	7·75 7·75 7·67 7·67 7·67	3·50 1·75 1·75 1·75 1·75	1.67 1.67 1.67 1.67 1.67	2·50 2·50 2·50 2·50 2·50	3·00 3·00 3·00 3·00 3·00
16	7·00 6·92 7·00 7·33 7·50	7·33 7·33 7·42 7·50 7·50	8·00 8·00 7·92 7·92 8·00	7·67 7·75 7·75 7·75 7·75	7·67 7·58 7·58 7·58 7·58	7.67 7.67 7.67 7.67 8.08	7 · 42 8 · 00 8 · 00 7 · 75 7 · 75	7.67 7.75 7.75 7.92 7.58	1·75 1·75 1·75 1·75 1·75	1.67 1.67 1.67 1.67 1.67	2·50 2·83 2·83 2·83 2·83	3·00 3·00 3·00 2·83 2·83
21	7.67 7.67 7.00 7.00 7.00	7·50 7·50 7·50 6·83 6·83	8·00 8·00 8·00 8·00 8·00	7.67 7.67 7.67 7.58 7.58	7·33 7·38 7·58 7·58 7·33	7.67 7.58 7.58 7.67 7.58	7 · 67 7 · 67 7 · 58 7 · 58 8 · 00	7.58 7.58 7.58 7.42 7.17	1.75 1.50 1.50 1.50 1.50	1.67 1.67 1.67 1.67 1.67	2·83 2·83 2·83 3·00 4·00	2·92 3·00 3·33 4·00 4·83
26. 27. 28. 29. 30.	8·25 8·25 8·33 8·33 8·50	6.67 6.67 6.67 6.83 7.58 7.75	8·00 8·00 8·17 8·17 8·17	7·58 7·58 7·58 7·58 7·58 7·58	7·33 7·33 7·33 7·50 7·50 7·50	7·75 8·00 8·00 8·00 8·00	7·75 7·75 7·58 7·58 7·58 7·58	6·33 6·33 6·92 6·67 5·83	$\begin{array}{c} 1.50 \\ 1.50 \\ 1.50 \\ 1.50 \\ 1.50 \\ 1.50 \\ 1.50 \end{array}$		4·83 4·50 3·50	5·00 4·83 4·50 4·00 3·83 3·83

ELEVATIONS above M.S.L. of Rideau River at Hurdman's Bridge, for 1914-15.

TABLE No. 262. 184-39 181 · 73 181 · 73 181 · 73 181 · 73 185-81 181 - 81 181 - 89 181.73 181.73 181.73 182.06 182.64 182-06 182 - 81 183-48 184·31 183·73 181.81 181-89 181-89 182 · 81 182 · 81 183 · 31 182 · 98 186-39 185-89 181.89 183-64 181-81 181 - 89 181 - 81 185.31 181-89 181.89 $182 \cdot 56$ 185-31 183-48 181 - 73 181-98 182.39 181 · 73 181 · 73 181 · 98 181 · 89 181 · 81 181 · 73 181 · 73 $181.98 \\ 181.81$ 182 · 64 182 · 64 182 · 64 182 - 89 10..... 185.31 182.56 181.89 $182 \cdot 56$ 181 - 73 181 - 73 181 - 73 181 - 73 $182 \cdot 73$ $182 \cdot 73$ 181 · 73 181 · 73 181 · 73 181 · 73 181 · 73 13..... 181 - 89 14..... 15.... 182-48 181-81 181 · 73 181 · 73 181 · 73 181 · 73 181 · 73 182 · 56 182 · 56 182 · 56 182 · 64 183-89 182.06 181-81 181-64 $181 \cdot 73$ $181 \cdot 73$ $181 \cdot 73$ 181.81 181-81 182 · 39 182 · 39 182 · 39 181 - 89 182 · 31 182 · 31 181-64 182.06 181 - 81 181 - 64 182 - 56 182-64 182.06 182.06 181.98 181 - 81 181.89 181 · 64 181 · 48 181 · 56 183 · 48 183 · 73 24..... 25.... 183.98 181 - 98 182 - 64 184.06 184 - 56 181-81 181 · 81 181 · 73 182 · 06 182 · 06 182 · 06 182 · 73 182 · 73 182 · 81 183-56 184-06 181 - 89 181.98 31.....

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Gatineau River at Bark Lake, for 1912-13.

TABLE No. 263.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5			1186-03 1186-03 1186-04	1185 · 57 1185 · 48 1185 · 41 1185 · 35 1185 · 28	1184 · 63 1184 · 61 1184 · 59 1184 · 57 1184 · 57	1183 · 81 1183 · 78 1183 · 78 1183 · 78 1183 · 75	1183 · 51 1183 · 44 1183 · 43 1183 · 44 1183 · 43	1183·73 1183·78 1183·79 1183·74 1183·77	1184·02 1184·02 1184·03 1184·03 1184·03	1184 · 20 1184 · 20 1184 · 20 1184 · 20 1184 · 21	1184 · 13 1184 · 13 1184 · 12 1184 · 10 1184 · 08	1183 · 86 1183 · 84 1183 · 82 1183 · 80 1183 · 78
6			$\begin{array}{c} 1186 \cdot 08 \\ 1186 \cdot 12 \\ 1186 \cdot 14 \\ 1186 \cdot 14 \\ 1186 \cdot 12 \end{array}$	$\begin{array}{c} 1185 \cdot 23 \\ 1185 \cdot 18 \\ 1185 \cdot 11 \\ 1185 \cdot 10 \\ 1185 \cdot 11 \end{array}$	$\begin{array}{c} 1184\cdot 56 \\ 1184\cdot 47 \\ 1184\cdot 38 \\ 1184\cdot 33 \\ 1184\cdot 28 \end{array}$	$\substack{1183.73\\1183.75\\1183.76\\1183.73\\1183.71}$	$\begin{array}{c} 1183\cdot 42 \\ 1183\cdot 44 \\ 1183\cdot 40 \\ 1183\cdot 38 \\ 1183\cdot 40 \end{array}$	$\substack{1183 \cdot 82 \\ 1183 \cdot 88 \\ 1183 \cdot 93 \\ 1183 \cdot 95 \\ 1183 \cdot 93}$	$\begin{array}{c} 1184\cdot 03 \\ 1184\cdot 03 \\ 1184\cdot 05 \\ 1184\cdot 05 \\ 1184\cdot 05 \end{array}$	$\begin{array}{c} 1184 \cdot 22 \\ 1184 \cdot 22 \end{array}$	$\begin{array}{c} 1184\cdot06 \\ 1184\cdot05 \\ 1184\cdot05 \\ 1184\cdot05 \\ 1184\cdot05 \\ \end{array}$	1183 · 77 1183 · 75 1183 · 73 1183 · 72 1183 · 70
11 12 13 14 15			$^{1186\cdot 11}_{1186\cdot 09}_{1186\cdot 05}_{1185\cdot 93}_{1185\cdot 87}$	$\begin{array}{c} 1185 \cdot 13 \\ 1185 \cdot 11 \\ 1185 \cdot 03 \\ 1185 \cdot 03 \\ 1185 \cdot 03 \\ 1185 \cdot 03 \end{array}$	$\begin{array}{c} 1184 \cdot 28 \\ 118 \cdot 28 \\ 1184 \cdot 23 \\ 1184 \cdot 23 \\ 1184 \cdot 23 \\ 1184 \cdot 23 \end{array}$	$\begin{array}{c} 1183 \cdot 78 \\ 1183 \cdot 76 \\ 1183 \cdot 70 \\ 1183 \cdot 68 \\ 1183 \cdot 68 \end{array}$	$\begin{array}{c} 1183 \cdot 37 \\ 1183 \cdot 35 \\ 1183 \cdot 38 \\ 1183 \cdot 40 \\ 1183 \cdot 43 \end{array}$	$\substack{1183 \cdot 91 \\ 1183 \cdot 93 \\ 1183 \cdot 98 \\ 1183 \cdot 99 \\ 1184 \cdot 02}$	$\begin{array}{c} 1184\cdot07 \\ 1184\cdot09 \\ 1184\cdot09 \\ 1184\cdot11 \\ 1184\cdot15 \end{array}$	$\begin{array}{c} 1184 \cdot 21 \\ 1184 \cdot 21 \\ 1184 \cdot 17 \\ 1184 \cdot 15 \\ 1184 \cdot 14 \end{array}$	$\begin{array}{c} 1184\cdot03 \\ 1184\cdot02 \\ 1184\cdot01 \\ 1184\cdot01 \\ 1184\cdot00 \end{array}$	1183 · 69 1 · 83 · 69 1183 · 70 1183 · 71 1183 · 71
16. 17 18 19 20			$\begin{array}{c} 1185 \cdot 89 \\ 1186 \cdot 07 \\ 1186 \cdot 08 \\ 1186 \cdot 07 \\ 1186 \cdot 05 \end{array}$	$\begin{array}{c} 1185\cdot 03\\ 1185\cdot 23\\ 1185\cdot 22\\ 1185\cdot 20\\ 1185\cdot 20\\ \end{array}$	$\begin{array}{c} 1184\cdot 18 \\ 1184\cdot 18 \\ 1184\cdot 01 \\ 1184\cdot 01 \\ 1183\cdot 98 \end{array}$	$\begin{array}{c} 1183\cdot 68 \\ 1183\cdot 63 \\ 1183\cdot 58 \\ 1183\cdot 55 \\ 1183\cdot 56 \end{array}$	$\begin{array}{c} 1183\cdot 43 \\ 1183\cdot 40 \\ 1183\cdot 35 \\ 1183\cdot 41 \\ 1183\cdot 41 \end{array}$	$\substack{ 1184 \cdot 01 \\ 1184 \cdot 02 \\ 1184 \cdot 02 \\ 1184 \cdot 01 \\ 1184 \cdot 01 \\ 1184 \cdot 01 \\ }$	$\begin{array}{c} 1184 \cdot 17 \\ 1184 \cdot 21 \\ 1184 \cdot 21 \\ 1184 \cdot 21 \\ 1184 \cdot 21 \\ 1184 \cdot 22 \end{array}$	1184 · 14 1184 · 14 1184 · 14 1184 · 14 1184 · 14	1183 · 99 1183 · 98 1183 · 97 1183 · 96 1183 · 95	1183 · 74 1183 · 76 1183 · 77 1183 · 78 1183 · 79
21 22 23 24 25		1185 · 82 1185 · 86	$\begin{array}{c} 1186\cdot04\\ 1186\cdot03\\ 1186\cdot00\\ 1185\cdot95\\ 1185\cdot88 \end{array}$	$\begin{array}{c} 1185 \cdot 01 \\ 1184 \cdot 99 \\ 1184 \cdot 99 \\ 1184 \cdot 98 \\ 1184 \cdot 98 \end{array}$	$\begin{array}{c} 1183 \cdot 96 \\ 1183 \cdot 96 \\ 1183 \cdot 96 \\ 1183 \cdot 94 \\ 1183 \cdot 95 \end{array}$	$\begin{array}{c} 1183 \cdot 53 \\ 1183 \cdot 51 \\ 1183 \cdot 55 \\ 1183 \cdot 54 \\ 1183 \cdot 51 \end{array}$	$\begin{array}{c} 1183 \cdot 35 \\ 1183 \cdot 32 \\ 1183 \cdot 45 \\ 1183 \cdot 55 \\ 1183 \cdot 58 \end{array}$	$\substack{1183 \cdot 99 \\ 1184 \cdot 00 \\ 1184 \cdot 02 \\ 1184 \cdot 02 \\ 1184 \cdot 03}$	$\begin{array}{c} 1184 \cdot 22 \\ 1184 \cdot 21 \\ 1184 \cdot 20 \\ 1184 \cdot 20 \\ 1184 \cdot 20 \\ 1184 \cdot 20 \end{array}$	1184 · 15 1184 · 15 1184 · 15 1184 · 15 1184 · 15	1183 · 94 1183 · 93 1183 · 92 1183 · 91 1183 · 90	1183 · 82 1183 · 84 1183 · 87 1183 · 89 1183 · 92
26 27 28 29 30		1186-03 1186-03 1186-03 1186-11	1185 · 90 1185 · 85 1185 · 81 1185 · 79 1185 · 69	1184 · 95 1184 · 93 1184 · 83		1183 · 50 1183 · 54 1183 · 54 1183 · 53 1183 · 49	1183-61 1183-63 1183-63 1183-59 1183-66 1183-69	1184 · 02 1184 · 05 1184 · 02 1184 · 02 1184 · 02	1184 · 20 1184 · 20 1184 · 20 1184 · 20 1184 · 20 1184 · 20 1184 · 20	1184 · 15 1184 · 15 1184 · 15 1184 · 14 1184 · 13	1183 · 89 1183 · 89 1183 · 88	1183-97

Elevations above M.S.L. of Gatineau River at Bark Lake, for 1913-14.

TABLE No. 264.

											ADLE:	.10. 201.
1	1184 · 04 1184 · 07 1184 · 11 1184 · 15 1184 · 18	$\begin{array}{c} 1186\cdot 05 \\ 1186\cdot 11 \\ 1186\cdot 18 \\ 1186\cdot 22 \\ 1186\cdot 26 \end{array}$	1186 · 20 1186 · 24 1186 · 23 1186 · 24 1186 · 23	1184 · 88 1184 · 83 1184 · 78 1184 · 73 184 · 63	1183 · 63 1183 · 68 1183 · 68 1183 · 68 1183 · 58	1183 · 53 1183 · 53 1183 · 53 1183 · 33 1183 · 33	1183 · 33 1183 · 33 1183 · 28 1183 · 28 1183 · 28	1183 · 83 1183 · 83 1183 · 84 1183 · 83 1183 · 84	1184 · 73 1184 · 74 1184 · 75 1184 · 78 1184 · 78	1184 · 79 1184 · 78 1184 · 76 1184 · 76 1184 · 76	1184 · 66 1184 · 65 1184 · 65 1184 · 65 1184 · 64	1184 · 47 1184 · 47 1184 · 46 1184 · 46 1184 · 46
6	$\begin{array}{c} 1184 \cdot 21 \\ 1184 \cdot 23 \\ 1184 \cdot 26 \\ 1184 \cdot 29 \\ 1184 \cdot 33 \end{array}$	1186-31 1186-38 1186-33 1186-41 1186-41	$\begin{array}{c} 1186 \cdot 21 \\ 1186 \cdot 19 \\ 1186 \cdot 15 \\ 1186 \cdot 12 \\ 1186 \cdot 07 \end{array}$	1184 · 58 1184 · 53 1184 · 48 1184 · 48 1184 · 48	1183 · 53 1183 · 43 1183 · 43 1183 · 38 1183 · 43	$\begin{array}{c} 1183 \cdot 33 \\ 1183 \cdot 23 \\ 1183 \cdot 03 \\ 1183 \cdot 03 \\ 1183 \cdot 23 \end{array}$	$\begin{array}{c} 1183 \cdot 23 \\ 1183 \cdot 23 \\ 1183 \cdot 28 \\ 1183 \cdot 28 \\ 1183 \cdot 33 \end{array}$	1183 · 83 1183 · 83 1183 · 81 1183 · 88 1184 · 18	$\begin{array}{c} 1184 \cdot 76 \\ 1184 \cdot 76 \end{array}$	1184 · 76 1184 · 75 1184 · 75 1184 · 75 1184 · 75	1184 · 64 1184 · 64 1184 · 65 1184 · 63 1184 · 63	$\begin{array}{c} 1184 \cdot 46 \\ 1184 \cdot 46 \\ 1184 \cdot 46 \\ 1184 \cdot 45 \\ 1184 \cdot 45 \\ 1184 \cdot 45 \end{array}$
11 12 13 14 15	1184 39	$\begin{array}{c} 1186 \cdot 41 \\ 1186 \cdot 33 \\ 1186 \cdot 33 \\ 1186 \cdot 38 \\ 1186 \cdot 33 \end{array}$	$\begin{array}{c} 1186\cdot06\\ 1186\cdot02\\ 1185\cdot99\\ 1185\cdot95\\ 1185\cdot90 \end{array}$	1184 · 43 1184 · 42 1184 · 43 1184 · 38 1184 · 38	$\begin{array}{c} 1183 \cdot 43 \\ 1183 \cdot 38 \\ 1183 \cdot 38 \\ 1183 \cdot 38 \\ 1183 \cdot 38 \end{array}$	1182.93	1183 · 33 1183 · 33	1184 · 18 1184 · 28 1184 · 33 1184 · 37 1184 · 40	$\begin{array}{c} 1184 \cdot 76 \\ 1184 \cdot 76 \end{array}$	1184 · 75 1184 · 74 1184 · 74 1184 · 74 1184 · 73	1184-63 1184-63 1184-62 1184-62 1184-61	1184 45 1184 45 1184 45 1184 44 1184 44
16. 17. 18. 19.	1184 · 56 1184 · 61 1184 · 67 1184 · 73 1184 · 79	$\begin{array}{c} 1186 \cdot 31 \\ 1186 \cdot 31 \\ 1186 \cdot 32 \\ 1186 \cdot 33 \\ 1186 \cdot 30 \end{array}$	$\begin{array}{c} 1185 \cdot 87 \\ 1185 \cdot 80 \\ 1185 \cdot 73 \\ 1185 \cdot 64 \\ 1185 \cdot 56 \end{array}$	$\begin{array}{c} 1184 \cdot 28 \\ 1184 \cdot 23 \\ 1184 \cdot 18 \\ 1184 \cdot 03 \\ 1183 \cdot 98 \end{array}$	$\begin{array}{c} 1183 \cdot 28 \\ 1183 \cdot 28 \\ 1183 \cdot 23 \\ 1183 \cdot 18 \\ 1183 \cdot 13 \end{array}$		1183 · 33 1183 · 33 1183 · 38 1183 · 38 1183 · 38	$\begin{array}{c} 1184 \cdot 41 \\ 1184 \cdot 41 \\ 1184 \cdot 42 \\ 1184 \cdot 43 \\ 1184 \cdot 47 \end{array}$	1184-77 1184-78 1184-78 1184-78 1184-78	1184 · 73 1184 · 73 1184 · 73 1184 · 73 1184 · 72	1184-60 1184-59 1184-59 1184-58 1184-57	$\begin{array}{c} 1184\cdot 43 \\ 1184\cdot 42 \\ 1184\cdot 41 \\ 1184\cdot 40 \\ 1184\cdot 38 \end{array}$
21. 22. 23. 24. 25.	1184 · 85 1184 · 91 1185 · 00 1185 · 12 1185 · 33	$\begin{array}{c} 1186 \cdot 26 \\ 1186 \cdot 28 \\ 1186 \cdot 30 \\ 1186 \cdot 30 \\ 1186 \cdot 32 \end{array}$	$\begin{array}{c} 1185 \cdot 48 \\ 1185 \cdot 40 \\ 1185 \cdot 32 \\ 1185 \cdot 26 \\ 1185 \cdot 28 \end{array}$	1183 · 98 1183 · 93 1183 · 88 1183 · 88 1183 · 73		$\begin{array}{c} 1183 \cdot 23 \\ \end{array}$	1183 · 43 1183 · 43 1183 · 48 1183 · 53 1183 · 58	1184.51 1184.53 1184.58 1184.63 1184.68	1184 · 78 1184 · 79 1184 · 79 1184 · 80 1184 · 81	1184 · 72 1184 · 71 1184 · 71 1184 · 70 1184 · 70	1184 · 53 1184 · 52 1184 · 51	1184·36 1184·35 1184·32 1184·30 1184·28
26. 27. 28. 29. 30. 31.	1185.75 1185.93 1186.03 1186.03	1186·22 1186·22	1185 · 13 1185 · 13 1184 · 94	1183 · 73 1183 · 73 1183 · 68 1183 · 68	1183 · 03 1183 · 03 1183 · 53 1183 · 73	1183 · 23 1183 · 23 1183 · 33 1183 · 33 1183 · 33	1183 · 71 1183 · 73 1183 · 73 1183 · 78		1184 · 83 1184 · 83 1184 · 83 1184 · 81	1184-69 1184-68 1184-67 1184-67	1184 · 48 1184 · 47	1184 · 26 1184 · 23 1184 · 21 1184 · 19 1184 · 17 1184 · 16

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Gatineau River at Bark Lake, for 1914-15.

TABLE No. 265.

										1	ADLE	NO. 200.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	1184 · 13 1184 · 11 1184 · 11 1184 · 10 1184 · 08	1184·51 1184·59 1184·63 1184·68 1184·78	1185 · 33 1185 · 33 1185 · 33 1185 · 33 1185 · 32	1184 · 59 1184 · 51 1184 · 43 1184 · 35 1184 · 27	1182 · 93 1182 · 88 1182 · 85 1182 · 75 1182 · 71	1182 · 10 1182 · 18 1182 · 18 1182 · 15 1182 · 13	1181 · 83 1181 · 81 1181 · 83 1181 · 82 1181 · 83	1182 · 25 1182 · 25 1182 · 24 1182 · 31 1182 · 38	1182 · 99 1183 · 03 1183 · 11 1183 · 13 1183 · 17	1183 · 48 1183 · 53 1183 · 55 1183 · 58 · 1183 · 60	1183·95 1183·94 1183·96 1183·99 1184·02	1184 · 38 1184 · 42 1184 · 40 1184 · 39 1184 · 40
6	1184-07 1184-07 1184-06 1184-06 1184-04	1184 · 93 1185 · 03 1185 · 08 1185 · 11 1185 · 13	$\begin{array}{c} 1185 \cdot 32 \\ 1185 \cdot 30 \\ 1185 \cdot 28 \\ 1185 \cdot 26 \\ 1185 \cdot 25 \end{array}$	$\begin{array}{c} 1184 \cdot 23 \\ 1184 \cdot 20 \\ 1184 \cdot 15 \\ 1184 \cdot 13 \\ 1184 \cdot 11 \end{array}$	$\begin{array}{c} 1182\cdot 68 \\ 1182\cdot 66 \\ 1182\cdot 65 \\ 1182\cdot 63 \\ 1182\cdot 55 \end{array}$	$\begin{array}{c} 1182 \cdot 11 \\ 1182 \cdot 11 \\ 1182 \cdot 11 \\ 1182 \cdot 11 \\ 1182 \cdot 07 \end{array}$	1181 · 81 1181 · 81 1181 · 83 1181 · 85 1182 · 00	1182 · 39 1182 · 43 1182 · 48	$\begin{array}{c} 1183 \cdot 19 \\ 1183 \cdot 21 \\ 1183 \cdot 24 \\ 1183 \cdot 25 \\ 1183 \cdot 23 \end{array}$	1183 · 60 1183 · 63 1183 · 68 1183 · 70 1183 · 71	$1184 \cdot 04$ $1184 \cdot 07$ $1184 \cdot 09$ $1184 \cdot 10$ $1184 \cdot 12$	$^{1}_{1184\cdot 41}^{1484\cdot 43}_{1184\cdot 45}^{1184\cdot 45}_{1184\cdot 46}^{1184\cdot 47}$
11	1184·04 1184·02 1184·01 1184·00 1183·99	1185 · 15 1185 · 16 1185 · 18 1185 · 20 1185 · 21	$\begin{array}{c} 1185 \cdot 23 \\ 1185 \cdot 21 \\ 1185 \cdot 20 \\ 1185 \cdot 18 \\ 1185 \cdot 16 \end{array}$	1183 - 95 1183 - 87 1183 - 78 1183 - 71 1183 - 65	$\begin{array}{c} 1182 \cdot 54 \\ 1182 \cdot 53 \\ 1182 \cdot 52 \\ 1182 \cdot 50 \\ 1182 \cdot 50 \end{array}$	$\begin{array}{c} 1182 \cdot 03 \\ 1182 \cdot 01 \\ 1182 \cdot 00 \\ 1181 \cdot 95 \\ 1181 \cdot 93 \end{array}$	$\begin{array}{c} 1182\cdot 01 \\ 1182\cdot 03 \\ 1182\cdot 05 \\ 1182\cdot 06 \\ 1182\cdot 08 \end{array}$	$\begin{array}{c} 1182\cdot 44 \\ 1182\cdot 52 \\ 1182\cdot 53 \\ 1182\cdot 53 \\ 1182\cdot 53 \end{array}$	$\begin{array}{c} 1183 \cdot 23 \\ 1183 \cdot 23 \\ 1183 \cdot 22 \\ 1183 \cdot 22 \\ 1183 \cdot 25 \end{array}$	$\begin{array}{c} 1183 \cdot 72 \\ 1183 \cdot 72 \\ 1183 \cdot 71 \\ 1183 \cdot 72 \\ 1183 \cdot 72 \\ 1183 \cdot 72 \end{array}$		$1184 \cdot 4$ $1184 \cdot 44$ $1184 \cdot 42$ $1184 \cdot 41$ $1184 \cdot 41$
16. 17. 18. 19.	1183 · 98 1183 · 97 1183 · 97 1183 · 97 1183 · 99	1185 · 22 1185 · 23 1185 · 23 1185 · 23 1185 · 24	1185 · 15 1185 · 13 1185 · 11 1185 · 09 1185 · 07	$1183 \cdot 55$ $1183 \cdot 53$ $1183 \cdot 53$ $1183 \cdot 51$ $1183 \cdot 43$	1182 · 48 1182 · 45 1182 · 43 1182 · 43 1182 · 42	1181 · 91 1181 · 91 1181 · 91 1181 · 91 1181 · 88		1182-66 1182-68	1183 · 27 1183 · 27 1183 · 28	1183 · 73 1183 · 73 1183 · 73 1183 · 74 1183 · 74	1184 · 16 1184 · 17	$\begin{array}{c} 1184\cdot 41 \\ 1184\cdot 42 \\ 1184\cdot 42 \\ 1184\cdot 43 \\ 1184\cdot 43 \end{array}$
21. 22. 23. 24. 25.		1185 · 26 1185 · 26	1185 · 05 1185 · 01 1184 · 98 1184 · 96 1184 · 93	$\begin{array}{c} 1183 \cdot 39 \\ 1183 \cdot 33 \\ 1183 \cdot 31 \\ 1183 \cdot 25 \\ 1183 \cdot 23 \end{array}$	1182 · 35 1182 · 33 1182 · 30 11 · 2 · 28 1152 · 27	$\begin{array}{c} 1181 \cdot 73 \\ 1181 \cdot 72 \\ 1181 \cdot 71 \\ 1181 \cdot 71 \\ 1181 \cdot 78 \end{array}$	$\begin{array}{c} 1182 \cdot 16 \\ 1182 \cdot 18 \\ 1182 \cdot 19 \\ 1182 \cdot 20 \\ 1182 \cdot 21 \end{array}$		$\begin{array}{c} 1183 \cdot 33 \\ 1183 \cdot 37 \\ 1183 \cdot 39 \\ 1183 \cdot 43 \\ 1183 \cdot 46 \end{array}$	1183 · 75 1183 · 76 1183 · 78 1183 · 80 1183 · 81	$\begin{array}{c} 1184 \cdot 19 \\ 1184 \cdot 19 \\ 1184 \cdot 20 \\ 1184 \cdot 21 \\ 1184 \cdot 23 \end{array}$	1184 · 43 1184 · 43 1184 · 43 1184 · 44 1184 · 44
26. 27. 28. 29. 30.	1184 · 43	$\begin{array}{c} 1185 \cdot 29 \\ 1185 \cdot 29 \\ 1185 \cdot 30 \\ 1185 \cdot 30 \\ 1185 \cdot 31 \\ 1185 \cdot 33 \end{array}$	1184 · 89 1184 · 85 1184 · 80 1184 · 75 1184 · 68	$\begin{array}{c} 1183 \cdot 21 \\ 1183 \cdot 18 \\ 1183 \cdot 13 \\ 1183 \cdot 01 \\ 1182 \cdot 95 \\ 1182 \cdot 93 \end{array}$	1182 · 25 1182 · 23 1182 · 18 1182 · 15 1182 · 13 1182 · 12	1181 · 83 1181 · 85 1181 · 85 1181 · 81 1181 · 78	1182 - 28	1182 · 92 1182 · 94 1182 · 93 1182 · 93 1182 · 94	1183 · 43 1183 · 42 1183 · 42 1183 · 43 1183 · 43 1183 · 44	1183 · 83 1183 · 84 1183 · 84 1183 · 85 1183 · 87 1183 · 90	1184·27 1184·32 1184·35	1184 · 44 1184 · 44 1184 · 44 1184 · 45 1184 · 45 1184 · 45

Elevations above M.S.L. of Gatineau River above Chelsea, for 1911-12.

TABLE No. 266.

1			
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2	1		040 00 041 00 040 10 040 70 04
\$ 4			
\$ 4	2		949.43 941.98 949.93 943.33 94
4 240-53 241-03 241-33 235-73 241-65 5 200-55 221-05 241-25 241-35 243-48 240-05 240-65 241-35 241-35 243-35 240-01 220-05 241-05 241-35 <t< td=""><td>9</td><td></td><td></td></t<>	9		
5.5 20-05 20-05 20-06 20-16 20-26 20-16 20-26 20-16 20-26 20-16 20-26 20-16 20-26 20-16 20-26 2	9		
5.5 20-05 20-05 20-06 20-16 20-26 20-16 20-26 20-16 20-26 20-16 20-26 20-16 20-26 20-16 20-26 2	4		240 - 53 241 - 03 241 - 83 243 - 73 24
6 240-53 240-63 241-33 243-63 241-37 7 240-63 240-63 241-22 233-63 241-7 8 240-63 240-63 241-83 243-7 243-83 243-7 243-83 243-7 243-83 243-7 241-83 243-7 241-83 243-7 241-83 243-7 241-83 243-7 241-83 243-7 241-83 243-7 241-83 243-7 241-83 243-7 241-83 242-83 240-7 241-83 242-83 240-83 241-83 242-83 240-83 241-83 242-83 240-83 241-83 242-83 240-83 241-83 242-83 240-83 241-83 242-83 240-83 241-83 242-83 <t< td=""><td></td><td></td><td>010 52 010 00 011 12 012 02 01</td></t<>			010 52 010 00 011 12 012 02 01
7 240-63 240-63 241-83 241-83 243-83 240-83 241-83 233-33 240-10 10 240-63 240-83 241-83 231-33 240-13 241-13 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 242-33 241-33 <	0		540.99 540.89 541.49 549.09 54
7 240-63 240-63 241-83 241-83 243-83 240-83 241-83 233-33 240-10 10 240-63 240-83 241-83 231-33 240-13 241-13 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 242-33 241-33 <			
7 240-63 240-63 241-83 241-83 243-83 240-83 241-83 233-33 240-10 10 240-63 240-83 241-83 231-33 240-13 241-13 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 241-33 242-33 241-33 <	6		240, 52 240, 02 241, 23 243, 63 24
8 240-68 240-88 241-13 243-33 240-01 9 240-65 240-88 241-13 243-30 240-01 10 240-73 241-08 243-33 243-03 241-32 243-33 243-13 240-13 241-13 242-13<	*	*	
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12			210 10 211 00 210 00, 210 10 21
12			
12	11		240 - 73 241 - 08 244 - 43 242 - 83 24
13	19		240 02 241 02 244 00 242 62 24
14	********************************		
14	13		
15. 241-22 241-03 241-73 242-22 240-01 241-73 242-22 240-01 241-73 242-23 240-01 241-73 242-23 240-01 241-73 241-73 242-23 240-01 241-73 241-	14		241.92 241.08 244.93 249.93 24
15	48		
17.	10		241 - 23 242 - 03 244 - 73 242 - 23 24
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17.	16		041 22 040 00 044 72 040 02 04
18.	19		
$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	17		241 - 58 242 - 13 244 - 78 242 - 03 24
9.	10		
21			
21	19		241 - 33 242 - 13 244 - 83 241 - 03 24
21	20		241.38 242.18 245.02 241.02 24
22 2 21 21 24 24 25 24 25 24 25 25 25 25 25 25 25 25 25 25 25 25 25	MV		241,99 545,19 549,09 541,09 54
22 2 21 21 24 18 24 18 24 24 25 24 25 24 25 24 25 24 25 24 25 25 25 25 25 25 25 25 25 25 25 25 25			
22 2 21 21 24 24 25 24 25 24 25 25 25 25 25 25 25 25 25 25 25 25 25	21		941.93 941.03 944.63 940.03 94
23 24.0 24.0 32 24.0 3	00		
24 220 · 13 241 · 08 241 · 03 243 · 08 240 · 68 240 · 58 25 20 · 08 241 · 28 241 · 08 243 · 08 246 · 08 240 · 08 26 240 · 08 241 · 03 241 · 08 243 · 08 248 · 08 243 · 08 247 · 08 248 · 08	44		
24 220 · 13 241 · 08 241 · 03 243 · 08 240 · 68 240 · 58 25 20 · 08 241 · 28 241 · 08 243 · 08 246 · 08 240 · 08 26 240 · 08 241 · 03 241 · 08 243 · 08 248 · 08 243 · 08 247 · 08 248 · 08	23		240.03 241.03 243.88 240.63 24
25. 240-08 241-25 241-93 243-63 240-95 240-0 26. 240-08 241-35 241-83 243-88 241-25 239-8 27. 240-08 241-35 241-88 243-38 241-25 239-8 29. 240-08 241-35 241-88 243-88 241-27 239-8 29. 240-08 241-28 241-73 241-8 29. 240-08 241-28 241-73 241-8 240-03 241-8 241-83 241-8 240-03 241-8 241-83 241-8 240-03 241-8 241-8 241-8	0.4	040 10	
26 240-08 241-33 241-88 243-38 241-23 239-8 27 240-13 241-33 241-78 234-8 241-73 241-73 241-73 241-8 241-8 241-8 241-8 241-8 241-8 241-8 241-8 241-8 241-8 241-73 241-8 241-73 241-8 241-73 241-8 241-73 241-8 241-73 241-8 241-73 241-8 241-73 241-8 241-73 241-8 241-73 241-18 241-78 241-78	**		
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	25	240.08	241 - 23 241 - 93 243 - 63 240 - 93 24
240 - 13 - 241 - 133 - 241 - 78 - 245 - 48 - 241 - 73 - 232 - 245 - 24			217 20 217 00 210 00 210 00
27. 240-13 241-33 241-78 243-48 241-73 225-225 240-13 241-32 241-68 2441-3 242-03 239-9 29-9 240-08 241-28 241-73 241-13 242-03 240-0 240-03 241-28 241-78 241-13 242-03 240-0 240-13 241-18 24	00		
27. 240-13 241-33 241-78 243-48 241-73 225-225 240-13 241-32 241-68 2441-3 242-03 239-9 29-9 240-08 241-28 241-73 241-13 242-03 240-0 240-03 241-28 241-78 241-13 242-03 240-0 240-13 241-18 24	20		241 - 33 241 - 88 243 - 38 241 - 23 23
28. 240-13 241-33 241-68 241-13 242-03 239-9 29. 240-08 241-28 241-73 244-13 242-03 240-0 30. 240-13 241-18 241-83 244-08 240-0	27	940.13	241.23 241.78 243.48 241.73 23
29	00	240, 19	
29	48	240 · 13	
$30.$ $240 \cdot 13$ $241 \cdot 18$ $241 \cdot 83$ $244 \cdot 08$ $240 \cdot 0$	29	240.08	941.98 941.73 944.13 949.03 94
31. 240-33 241-88 243-93 240-0	20	040 10	
31	au	240 · 13	
210.00	31	240.33	941.88 943.93 94
		270.00	210.00 TIO.00

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Gatineau River above Chelsea, for 1912–13.

	TABLE NO. 201.									0. 207.		
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2	240 · 01 240 · 01 240 · 01 240 · 06 240 · 06	247·51 247·56 247·61 247·71 247·61	247·81 247·76 247·51 247·16 246·96	244 · 96 244 · 46 244 · 01 243 · 81 243 · 76	242 · 21 242 · 01 241 · 91 241 · 91 241 · 86	241 · 96 242 · 01 242 · 01 242 · 01 242 · 01 241 · 96	241·36 241·31 241·46 241·61 241·66	244·36 244·26 244·11 244·01 243·91	242 · 91 242 · 96 243 · 01 242 · 96 242 · 91	241·96 241·96 242·01 242·01 241·96	241·76 241·71 241·66 241·61 241·51	240 · 96 241 · 16 241 · 21 241 · 26 241 · 41
6	240 · 11 240 · 66 241 · 16 241 · 51 241 · 71	247·56 247·56 247·41 247·36 247·26	$\begin{array}{c} 246\cdot 86 \\ 246\cdot 66 \\ 246\cdot 41 \\ 246\cdot 46 \\ 246\cdot 31 \end{array}$	243 · 61 243 · 41 243 · 26 243 · 16 243 · 16	241 · 86 241 · 81 241 · 76 241 · 76 241 · 61	$\begin{array}{c} 241 \cdot 71 \\ 241 \cdot 56 \\ 241 \cdot 61 \\ 241 \cdot 66 \\ 241 \cdot 71 \end{array}$	241 · 61 241 · 46 241 · 36 241 · 31 241 · 46	243 · 86 244 · 21 244 · 56 245 · 06 245 · 06	243 · 16 243 · 41 243 · 31 243 · 26 243 · 01	241 · 91 241 · 91 241 · 96 242 · 01 242 · 08	241·46 241·46 241·46 241·56 241·61	241·56 241·61 241·66 241·31 241·16
11	241 · 91 242 · 16 242 · 51 242 · 71 243 · 01	247·31 247·51 247·76 248·01 248·11	$\begin{array}{c} 246 \cdot 31 \\ 246 \cdot 26 \\ 246 \cdot 16 \\ 246 \cdot 16 \\ 246 \cdot 21 \end{array}$	243 · 11 243 · 11 243 · 16 243 · 11 243 · 06	241 · 61 241 · 61 241 · 66 241 · 71 241 · 76	$\begin{array}{c} 241 \cdot 71 \\ 241 \cdot 71 \\ 241 \cdot 66 \\ 241 \cdot 66 \\ 241 \cdot 66 \end{array}$	$241 \cdot 51$ $241 \cdot 66$ $241 \cdot 66$ $241 \cdot 61$ $241 \cdot 56$	245.01 245.06 245.06 244.81 244.61	242 · 86 242 · 81 242 · 81 242 · 76 242 · 76	241 · 86 241 · 91 242 · 01 241 · 86 241 · 71	$241 \cdot 71$ $241 \cdot 71$ $241 \cdot 71$ $241 \cdot 66$ $241 \cdot 66$	240 · 81 240 · 81 240 · 76 240 · 71 240 · 61
16	243 · 91 244 · 21 244 · 71 244 · 96 245 · 36	248 · 26 248 · 71 249 · 01 248 · 81 248 · 61	$\begin{array}{c} 245 \cdot 91 \\ 245 \cdot 56 \\ 245 \cdot 56 \\ 245 \cdot 61 \\ 245 \cdot 71 \end{array}$	243 · 06 243 · 01 242 · 96 242 · 96 242 · 91	$241 \cdot 76$ $241 \cdot 81$ $241 \cdot 81$ $241 \cdot 81$ $241 \cdot 71$	$241 \cdot 61$ $241 \cdot 56$ $241 \cdot 51$ $241 \cdot 36$ $241 \cdot 21$	$241 \cdot 56$ $241 \cdot 61$ $241 \cdot 76$ $241 \cdot 91$ $242 \cdot 01$	244·56 244·41 244·31 244·11 244·01	242.81 242.66 242.51 242.56 242.61	$\begin{array}{c} 241 \cdot 71 \\ 241 \cdot 61 \\ 241 \cdot 61 \\ 241 \cdot 71 \\ 241 \cdot 81 \end{array}$	241 · 66 241 · 61 241 · 51 241 · 36 241 · 36	240 · 91 241 · 16 241 · 41 241 · 46 241 · 51
21	245 · 61 245 · 96 246 · 36 246 · 81 246 · 96	248-36 248-11 248-06 248-01 247-91	$\begin{array}{c} 245 \cdot 86 \\ 245 \cdot 91 \\ 245 \cdot 61 \\ 245 \cdot 26 \\ 245 \cdot 31 \end{array}$	242 · 91 242 · 81 242 · 71 242 · 71 242 · 61	241 · 61 241 · 61 241 · 51 241 · 41 241 · 31	$241 \cdot 16$ $241 \cdot 26$ $241 \cdot 36$ $241 \cdot 46$ $241 \cdot 61$	242 · 21 242 · 31 242 · 71 243 · 21 243 · 61	$\begin{array}{c} 243 \cdot 81 \\ 243 \cdot 66 \\ 243 \cdot 56 \\ 243 \cdot 46 \\ 243 \cdot 41 \end{array}$	$\begin{array}{c} 242 \cdot 41 \\ 242 \cdot 61 \\ 242 \cdot 51 \\ 242 \cdot 41 \\ 242 \cdot 36 \end{array}$	$\begin{array}{c} 241\cdot 86 \\ 241\cdot 91 \\ 241\cdot 91 \\ 241\cdot 91 \\ 241\cdot 86 \end{array}$	$241 \cdot 21$ $241 \cdot 21$ $241 \cdot 16$ $241 \cdot 11$ $241 \cdot 11$	241 · 61 241 · 66 243 · 11 244 · 26 244 · 91
26	247-01 247-21 247-26 247-31 247-41	248-01 248-16 248-26 248-31 248-11 247-96	245·36 245·36 245·31 245·31 245·31	242-61 242-51 242-41 242-41 242-41 242-31	241 · 46 241 · 61 241 · 71 241 · 76 241 · 91 241 · 96	241 · 71 241 · 61 241 · 51 241 · 46 241 · 41	243 · 81 244 · 11 244 · 36 244 · 41 244 · 51 244 · 41	243 · 31 243 · 21 243 · 06 242 · 91 242 · 86	242 · 21 242 · 31 242 · 41 242 · 01 242 · 06 242 · 11	241 · 81 241 · 76 241 · 81 241 · 81 241 · 81 241 · 81	241·06 241·01 241·01	245 · 16 245 · 21 245 · 41 245 · 46 245 · 61 245 · 86

Elevations above M.S.L. of Gatineau River above Chelsea, for 1913-14.

							TAI	BLE No	. 268.
1	$\begin{array}{cccc} 245\cdot 86 & 249\cdot 26 \\ 245\cdot 91 & 249\cdot 41 \\ 246\cdot 16 & 249\cdot 56 \\ 246\cdot 31 & 249\cdot 46 \\ 246\cdot 71 & 249\cdot 41 \end{array}$	244 · 48 242 · 38 244 · 23 242 · 23 244 · 08 242 · 23 243 · 93 242 · 18 243 · 88 242 · 18	241 · 53 241 · 48 241 · 38	241·03 241·68 241·03 241·78 240·98 241·88 240·98 241·78 240·88 241·68	$\begin{array}{c} 244 \cdot 76 \\ 244 \cdot 56 \\ 244 \cdot 41 \\ 244 \cdot 26 \\ 244 \cdot 01 \end{array}$	244 · 21 244 · 06 243 · 81 243 · 76 243 · 61	$\begin{array}{c} 241\cdot51 \\ 241\cdot46 \\ 241\cdot31 \\ 241\cdot21 \\ 241\cdot26 \end{array}$	$\begin{array}{c} 241\cdot 96 \\ 241\cdot 41 \\ 240\cdot 96 \\ 241\cdot 01 \\ 241\cdot 06 \end{array}$	241 · 86 241 · 81 241 · 71 241 · 71 241 · 71
6	246·66 249·21 246·41 249·06 246·41 248·76 246·41 248·41 246·31	243 · 88 242 · 13 243 · 83 242 · 08 243 · 83 242 · 03 243 · 78 242 · 03 243 · 63 241 · 98	241.08 241.03 241.03	240 · 83 241 · 53 240 · 73 .241 · 48 240 · 73 241 · 43 240 · 68 240 · 68	243 · 71 243 · 76 243 · 41 243 · 81 244 · 16	243 · 56 243 · 51 243 · 46 243 · 26 242 · 96	241·16 241·01 241·01 240·96 240·91	$\begin{array}{c} 241 \cdot 11 \\ 241 \cdot 11 \\ 241 \cdot 36 \\ 241 \cdot 41 \\ 241 \cdot 66 \end{array}$	$\begin{array}{c} 241 \cdot 71 \\ 241 \cdot 51 \\ 241 \cdot 51 \\ 241 \cdot 46 \\ 241 \cdot 46 \end{array}$
11	246 · 26 246 · 21 246 · 21 246 · 21 246 · 26 246 · 41	243·48 241·93 243·48 241·83 243·43 242·08 243·43 242·23 243·28 242·23	240 · 88 240 · 73 240 · 68	240·53 240·53 240·53 240·53 240·48	243 · 96 244 · 01 244 · 31 244 · 66 244 · 91	242 · 76 242 · 61 242 · 56 242 · 56 242 · 46	241·06 241·26 241·51 241·91 242·36	241 · 81 241 · 96 242 · 21 242 · 16 242 · 31	$\begin{array}{c} 241 \cdot 41 \\ 241 \cdot 41 \\ 241 \cdot 01 \\ 241 \cdot 06 \\ 240 \cdot 86 \end{array}$
16	246 · 56 246 · 71 246 · 91 247 · 16 247 · 11	243 · 23	240·58 240·53 240·53	240·43 241·11 240·28 241·26 240·28 241·31 240·18 241·31 240·03 241·46	244·76 244·71 244·61 244·46 244·46	242 · 46 242 · 41 242 · 46 242 · 41 242 · 21	242 · 91 242 · 96 242 · 76 242 · 66 242 · 51	242·56 242·71 242·36 242·01 241·96	240 · 51 240 · 36 240 · 21 240 · 21 240 · 16
21 22 23 24 25	247·11 247·11 247·11 247·16 247·21	242-83 242-55 242-83 242-43 242-83 242-35 242-83 242-24 242-83 242-25	240 · 43 240 · 53 240 · 58	240 · 03 241 · 46 240 · 33 241 · 51 240 · 63 242 · 01 240 · 98 242 · 41 241 · 18 242 · 91	244 · 41 244 · 31 244 · 36 244 · 36 244 · 31	241 · 86 241 · 86 241 · 76 241 · 76 241 · 86	$\begin{array}{c} 242 \cdot 41 \\ 242 \cdot 41 \\ 242 \cdot 36 \\ 242 \cdot 41 \\ 242 \cdot 56 \end{array}$	242·01 242·01 242·01 241·96 241·91	240 · 16 240 · 16 240 · 21 240 · 21 240 · 36
26. 27. 28. 29. 30. 31.	247·21 247·91 244·78 248·51 244·73 248·96 244·68 249·11 244·68 244·63	242-88 242-18 242-83 242-15 242-78 242-05 242-68 241-98 242-48 241-88 241-68	240.93 241.18 241.33 241.48	241·33 243·66 241·63 244·06 241·63 244·51 241·63 244·56 241·63 244·66 244·71	244 · 31 244 · 31 244 · 26 244 · 26 244 · 21	$\begin{array}{c} 241 \cdot 96 \\ 242 \cdot 06 \\ 241 \cdot 86 \\ 241 \cdot 71 \\ 241 \cdot 66 \\ 241 \cdot 51 \end{array}$	242.66 242.81 243.01 242.86 242.56 242.26		240 · 46 240 · 51 240 · 51 240 · 51 240 · 61 240 · 61

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Gatineau River above Chelsea, for 1914-15.

TABLE No. 269.

Day.	April.	May.	June.	July.	Aug	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
12 23 45	240 · 96 241 · 16 241 · 51 241 · 01 241 · 01	244·21 244·41 244·71 245·11 245·16	243 · 21 243 · 16 243 · 01 242 · 76 242 · 71	242·36 242·36 242·36 242·36 242·36	241·21 241·21 241·11 241·11 241·11	240 · 11 240 · 16 240 · 16 240 · 11 240 · 11	239·51 239·36 239·21 239·21 239·21	240·51 240·51 240·51 240·51 240·51	241·61 241·61 241·61 241·66 241·71	242·71 242·51 242·51 242·51 242·46	241 · 46 241 · 51 241 · 76 242 · 01 241 · 96	240·16 240·06 240·01 239·91 239·91
6	241·01 241·01 241·11 241·11 241·11	$\begin{array}{c} 245 \cdot 41 \\ 245 \cdot 51 \\ 245 \cdot 66 \\ 245 \cdot 71 \\ 245 \cdot 96 \end{array}$	242.51 242.51 242.51 242.51 242.51	242 · 36 242 · 36 242 · 36 242 · 21 242 · 11	241 · 06 240 · 91 240 · 81 240 · 81 240 · 81	$\begin{array}{c} 240 \cdot 21 \\ 240 \cdot 41 \\ 240 \cdot 51 \\ 240 \cdot 66 \\ 240 \cdot 66 \end{array}$	$\begin{array}{c} 239 \cdot 21 \\ 239 \cdot 21 \\ 239 \cdot 31 \\ 239 \cdot 36 \\ 239 \cdot 41 \end{array}$	$\begin{array}{c} 240\cdot 51 \\ 240\cdot 51 \\ 240\cdot 56 \\ 240\cdot 61 \\ 240\cdot 76 \end{array}$	241 · 61 241 · 61 241 · 61 241 · 61 241 · 61	242 · 46 242 · 41 242 · 41 242 · 31 242 · 31	241 · 91 241 · 91 241 · 91 241 · 86 241 · 81	239 · 86 239 · 81 239 · 71 239 · 61 239 · 61
11	241·01 241·01 240·91 240·86 240·71	$\begin{array}{c} 245 \cdot 96 \\ 246 \cdot 06 \\ 246 \cdot 01 \\ 245 \cdot 96 \\ 245 \cdot 51 \end{array}$	242 · 41 242 · 21 242 · 16 242 · 06 241 · 91	$\begin{array}{c} 242\cdot06 \\ 242\cdot06 \\ 242\cdot01 \\ 242\cdot01 \\ 241\cdot86 \end{array}$	240 · 81 240 · 81 240 · 76 240 · 51 240 · 46	$240 \cdot 71$	239 · 56 239 · 71 239 · 76 239 · 86 240 · 01	240.76 240.76 240.71 240.71 241.51	241.61 241.66 241.51 241.41 241.41	242·31 242·06 241·91 241·76 241·51	241 · 81 241 · 81 241 · 81 241 · 76 241 · 31	239·56 239·56 239·56 239·61 239·61
16	240 · 71 240 · 61 240 · 61 241 · 16 241 · 81	245 · 26 245 · 06 244 · 71 244 · 46 244 · 41	241 · 71 241 · 71 241 · 76 241 · 81 241 · 96	241·76 241·71 241·71 241·61 241·56	240 · 46 240 · 46 240 · 41 240 · 31 240 · 31	$\begin{array}{c} 240 \cdot 71 \\ 240 \cdot 71 \\ 240 \cdot 71 \\ 240 \cdot 71 \\ 240 \cdot 56 \end{array}$	240 · 21 240 · 51 240 · 56 240 · 61 240 · 66	$\begin{array}{c} 242 \cdot 11 \\ 242 \cdot 91 \\ 242 \cdot 61 \\ 242 \cdot 06 \\ 241 \cdot 41 \end{array}$	241 · 41 241 · 41 241 · 41 241 · 41 241 · 56	$241 \cdot 41$ $241 \cdot 46$ $241 \cdot 36$ $241 \cdot 31$ $241 \cdot 26$	240 · 96 240 · 41 240 · 06 239 · 91 239 · 71	239 · 66 239 · 76 239 · 91 239 · 96 240 · 11
21 22 23 24 25	242·21 242·71 242·71 242·71 242·71	244 · 16 244 · 11 243 · 91 243 · 81 243 · 81	$\begin{array}{c} 242 \cdot 01 \\ 242 \cdot 11 \\ 242 \cdot 21 \\ 242 \cdot 21 \\ 242 \cdot 21 \\ 242 \cdot 21 \end{array}$	$\begin{array}{c} 241\cdot 56 \\ 241\cdot 41 \\ 241\cdot 41 \\ 241\cdot 41 \\ 241\cdot 41 \end{array}$	240 · 21 240 · 11 240 · 11 240 · 11 240 · 11	240 · 41 240 · 36 240 · 31 240 · 16 240 · 11	240 · 71 240 · 86 240 · 96 241 · 01 240 · 96	241.61 241.66 241.61 241.66 241.71	241 · 61 241 · 81 241 · 91 242 · 21 242 · 66	241.06 241.11 241.41 241.36 241.36	239 · 71 239 · 76 239 · 86 240 · 01 240 · 06	240 · 16 240 · 16 240 · 21 240 · 26 240 · 31
26 27 28 29 30 31	242 · 86 243 · 16 243 · 31 243 · 51 243 · 91	243·71 243·71 243·71 243·61 243·51 243·31	242 · 26 242 · 26 242 · 31 242 · 31 242 · 31	241 · 36 241 · 36 241 · 31 241 · 31 241 · 21 241 · 21	240 · 11 240 · 06 240 · 01 240 · 01 240 · 06 240 · 11	240 · 01 239 · 96 239 · 91 239 · 81 239 · 66	240 · 86 240 · 86 240 · 86 240 · 71 240 · 66 240 · 51	241-66 241-61 241-61 241-61 241-61	243 · 11 243 · 51 243 · 21 243 · 21 243 · 11 242 · 86	241 · 36 241 · 41 241 · 41 241 · 46 241 · 46 241 · 46	240 · 21 240 · 26 240 · 21	240+36 240+41 240+16 239+96 239+96 239+91

ELEVATIONS above M.S.L. of Gatineau River below Chelsea, for 1899-1900.

TABLE No. 270.

	000 00		
1	209-39	208-39	208-47
2	209 - 49	208-39	208-47
3	209-56	208-39	208 - 56
4	209 - 64	208 - 39	208-56
5	209 - 47	208 - 39	208 - 56
6	209-31	208-39	208-56
7	208-97	208 - 31	208 - 56
8	208 - 72	208-31	208 - 56
9	208 - 72	208-31	208-47
10	208-64	208-31	208-47
40	200.01	200.01	200.X1
11	208-56	208-47	208-47
	208 - 64	208 - 39	208-47
13 208-06	208-64	208-39	208-47
	208-64	208 - 39	208 - 39
15	208-64	208-72	208 - 39
	000 80	000 01	000 00
16		208 - 64	208-39
17	208-47	208-56	208-31
		208 - 64	208-31
19 209-85	208-39	208-64	208-31
20 210+31	208-35	208-64	208-31
20	208.30	200.04	200.91
21	208-39	208 - 64	208-22
22		208-56	208 - 22
23 210-14	208-39	208-56	208-22
24 210.06		208-47	208 - 22
25	208-47	208-47	208 - 22
200 00	000 48	000 #0	000 44
26		208 - 56	208 - 14
27	208-47	208-56	208 - 06
		208-56	207 - 97
		208.50	
29 209-36	208-39		207 - 97
30 209-33			207 - 97
31	208-39		207.89

6 GEORGE V, A. 1916

Elevations above M.S.L. of Gatineau River below Chelsea, for 1900-1901.

TABLE No. 271.

										_		No. 271.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	207 · 89	215·39	211 · 64	209·72	210 · 14	207 · 89	209 · 14	209·56	210 · 14	208 · 31	208·39	208·22
2	207 · 89	215·22	211 · 72	210·22	209 · 97	208 · 14	209 · 22	209·39	210 · 14	208 · 39	208·39	208·22
3	207 · 89	214·97	211 · 81	210·81	209 · 89	207 · 81	209 · 31	209·22	210 · 06	208 · 47	208·39	208·14
4	208 · 06	214·89	211 · 64	211·14	209 · 81	207 · 81	209 · 31	209·31	209 · 97	208 · 56	208·39	208·14
5	208 · 06	214·64	211 · 47	211·39	209 · 72	207 · 81	208 · 89	209·31	209 · 97	208 · 47	208·39	208·14
6	208 · 39	214 · 56	211·31	211 · 64	209 · 64	207 · 81	208 · 81	209 · 22	209 · 89	208 · 47	208·39	208·14
	209 · 06	214 · 39	211·14	211 · 81	209 · 53	207 · 81	208 · 81	209 · 22	209 · 72	208 · 39	208·39	208·14
	209 · 22	214 · 31	211·06	211 · 89	209 · 56	207 · 72	208 · 81	209 · 14	209 · 64	208 · 31	208·47	208·06
	209 · 39	214 · 14	210·89	211 · 97	209 · 56	207 · 72	209 · 14	209 · 14	209 · 39	208 · 22	208·56	208·06
	209 · 14	213 · 89	210·81	211 · 97	209 · 56	207 · 72	209 · 72	209 · 06	209 · 22	208 · 31	208·64	208·02
11	208 · 97	213 · 64	210 · 81	212.06	209 · 56	207 · 72	210 · 31	209 · 06	209 · 06	208 · 39	208 · 56	207-97
	208 · 97	213 · 56	210 · 56	212.31	209 · 56	207 · 72	209 · 97	208 · 97	209 · 06	208 · 31	208 · 47	207-97
	208 · 97	213 · 31	210 · 47	212.39	209 · 56	207 · 72	211 · 22	208 · 89	209 · 14	208 · 31	208 · 56	207-97
	209 · 06	212 · 81	210 · 31	212.47	209 · 47	207 · 81	210 · 97	208 · 89	209 · 14	208 · 31	208 · 64	207-97
	209 · 22	212 · 56	210 · 31	212.47	209 · 47	208 · 14	210 · 81	208 · 81	209 · 39	208 · 31	208 · 64	208-02
16	209 · 39	212-39	210 · 22	212·39	209 · 39	208 · 39	210 · 56	208 · 81	209 · 39	208-31	208 · 56	207 · 97
	209 · 72	212-39	210 · 56	212·39	209 · 22	209 · 81	210 · 39	208 · 72	209 · 47	208-31	208 · 47	207 · 97
	210 · 39	212-56	210 · 06	212·39	209 · 06	208 · 89	210 · 14	208 · 64	209 · 64	208-39	208 · 47	207 · 89
	211 · 39	212-64	209 · 97	212·39	208 · 89	208 · 97	209 · 97	208 · 64	209 · 64	208-39	208 · 39	207 · 81
	211 · 89	212-64	209 · 89	212·06	208 · 81	209 · 06	209 · 97	208 · 72	209 · 39	208-47	208 · 31	207 · 81
21	212 · 39	212 · 47	209 · 81	211 · 89	208 · 72	209 · 14	209 · 89	209·14	208 · 89	208-64	208-31	207 · 89
22	213 · 14	212 · 39	209 · 81	211 · 81	208 · 56	209 · 31	209 · 64	209·39	208 · 72	208-56	208-31	207 · 89
23	213 · 89	212 · 22	209 · 72	211 · 64	208 · 47	209 · 39	209 · 47	209·64	208 · 56	208-47	208-31	207 · 81
24	214 · 47	212 · 14	209 · 56	211 · 47	208 · 39	209 · 39	209 · 39	209·81	208 · 47	208-47	208-31	207 · 81
25	214 · 97	212 · 14	209 · 56	211 · 39	208 · 22	209 · 39	209 · 31	209·81	208 · 47	208-31	208-31	207 · 89
26	215·39 215·64 215·89 215·89 215·64	212 · 06 211 · 97 211 · 89 211 · 72 211 · 72 211 · 64	209 · 22 209 · 14 208 · 97 208 · 89 209 · 06	211 · 22 211 · 06 210 · 89 210 · 64 210 · 39 210 · 22	208 · 22 208 · 14 208 · 06 208 · 06 207 · 97 207 · 97	209·31 209·31 209·22 209·14 209·14	209 · 22 209 · 14 209 · 39 209 · 31 209 · 47 209 · 56	210 · 06 210 · 14 209 · 97 209 · 97 210 · 06	208 · 47 208 · 39 208 · 39 208 · 39 208 · 39 208 · 14	208·31 208·31 208·39 208·39 208·39 208·39	208-22 208-22 208-22	207-97 208-14 208-39 208-39 208-31 208-31

Elevations above M.S.L. of Gatineau River below Chelsea, for 1901-02.

TABLE No. 272. $\begin{array}{c} 207 \cdot 14 \\ 207 \cdot 14 \\ 207 \cdot 22 \\ 207 \cdot 22 \\ 207 \cdot 22 \\ 207 \cdot 22 \end{array}$ $\begin{array}{c} 207 \cdot 22 \\ 207 \cdot 22 \\ 207 \cdot 22 \\ 207 \cdot 22 \\ 207 \cdot 22 \end{array}$ 208-39 215 - 47 $211 \cdot 22$ 209.39 208.31 $207 \cdot 81$ 207 - 39 209-14 207 · 81 207 · 81 207 · 81 207 · 72 207 · 72 215.56 209 - 22 208 - 22 207 · 39 207 · 39 207 · 39 209-14 215·56 215·56 209 - 14 208 - 31 211-64 208 - 14 209 - 14 208-22 208-14 208.56 209·06 209·06 209 · 06 208 · 97 $208 \cdot 14$ 208 - 06 208 - 14 208-06 $\begin{array}{c} 207 \cdot 64 \\ 207 \cdot 56 \\ 207 \cdot 47 \\ 207 \cdot 47 \end{array}$ 207 · 39 207 · 39 207 · 47 207 · 56 207 · 72 207 · 22 207 · 31 207 · 39 207 · 47 207 · 39 209 · 31 209 · 72 209 · 97 $215 \cdot 39$ 212-31 908 - 80 $207 \cdot 97$ $207 \cdot 47$ 208-97 $208 \cdot 22$ 207 · 56 207 · 56 207 · 56 207 · 56 207 · 97 207 · 97 207 · 97 208 · 22 208 · 14 $208 \cdot 89$ $208 \cdot 89$ 208-81 209.56 208 - 81 208-64 209 - 56 214-39 $212 \cdot 06$ 208.72 207.89 207.39 207 - 47 208 - 14 210.89 214-22 207-89 207 - 39 208 - 56 208-22 208-14 $211 \cdot 89$ $208 \cdot 64$ 207 · 89 207 · 81 207 · 81 207 · 72 207 · 72 207 · 22 207 · 06 207 · 31 207 · 39 207 · 56 211 · 81 211 · 72 211 · 64 208-56 207-39 207-31 207-31 207 · 39 207 · 39 207 · 39 207 · 39 207 · 39 208 - 47 208 · 22 208 · 22 208 · 14 208 · 22 208 · 39 208 · 47 208 · 39 208·39 208·39 208 - 31 $^{212\cdot 39}_{212\cdot 72}_{212\cdot 89}$ 207 · 89 207 · 97 207 · 97 207 · 97 207 · 89 208-81 213-56 211.47208 - 22 207-64 $\begin{array}{c} 207 \cdot 22 \\ 207 \cdot 22 \\ 207 \cdot 22 \end{array}$ $^{207\cdot 39}_{207\cdot 31}_{207\cdot 31}$ 208 - 31 208 - 31 208 - 14 208-14 17 18 19 20 209 - 64 208 · 14 208 · 14 207 · 14 207 · 14 207-89 207-31 207-31 208-31 208-31 210.72 207 - 89 209 - 81 207-89 207-89 207-81 207-72 213.97 208-31 $207 \cdot 97$ $207 \cdot 89$ $207 \cdot 81$ 207.89 207-31 207-31 214 · 64 214 · 89 214 · 97 213 · 06 212 · 89 212 · 81 207 · 89 207 · 89 210 - 06 208-31 207-64 210-06 208-31 210.56 207 · 06 207 · 06 207 · 06 207 · 06 207-56 207-47 207-39 207-39 207-31 209.72 $207 \cdot 81$ $207 \cdot 81$ $207 \cdot 81$ 207 · 89 207 · 89 207 · 89 207 · 89 207 · 89 212.06 207 · 31 207 · 31 207 · 31 $208 \cdot 22$ $208 \cdot 22$ $208 \cdot 22$ $208 \cdot 22$ 210 · 64 210 · 81 211 · 14 211 · 89 211 · 64 211 · 47 209-72 208-31 208-39 208-39 209 · 64 209 · 39 209 - 56 208 · 22 208 · 22 209 - 22

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Gatineau River below Chelsea, for 1902–03.

								1	ABLE	No. 273.		
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2	212·39 212·56 212·81 213·06 213·47	213·81 213·89 214·06 214·14 214·47	212·31 212·39 212·39 212·47 212·56	211·14 211·06 211·06 211·06 210·97	208 · 97 208 · 89 208 · 89 208 · 89 208 · 89	207 · 97 207 · 89 207 · 89 207 · 81 207 · 72	207 · 14 207 · 14 207 · 14 207 · 06 207 · 06	208 · 81 208 · 72 208 · 72 208 · 72 208 · 72	203-89 209-64 209-47 209-22 209-06	208 · 31 208 · 31 208 · 31 208 · 31 208 · 31	208 · 14 208 · 14 208 · 14 208 · 14 208 · 14	208-22 208-22 208-31 208-31 208-31
6	213 · 39 213 · 31 213 · 22 213 · 06 212 · 97	$\begin{array}{c} 214 \cdot 56 \\ 214 \cdot 56 \\ 214 \cdot 47 \\ 214 \cdot 39 \\ 214 \cdot 31 \end{array}$	$\begin{array}{c} 212\cdot 64 \\ 212\cdot 64 \\ 212\cdot 64 \\ 212\cdot 64 \\ 212\cdot 64 \end{array}$	210 · 89 210 · 81 210 · 72 210 · 64 210 · 56	208 · 81 208 · 72 208 · 72 208 · 72 208 · 72	207 · 64 207 · 56 207 · 47 207 · 39 207 · 31	207 · 06 207 · 06 207 · 14 207 · 14 207 · 22	208 · 72 208 · 72 208 · 97 209 · 06 209 · 22	208 · 89 208 · 97 209 · 06 209 · 22 209 · 31	208-31 208-31 208-47 208-56 208-64	208 · 14 208 · 14 208 · 14 208 · 22 208 · 22	208-31 208-39 208-39 208-47 208-64
11	212·97 212·97 213·06 213·06 213·06	214 · 22 214 · 06 213 · 89 213 · 64 213 · 47	212 · 64 212 · 64 212 · 56 212 · 56 212 · 56	210 · 47 210 · 39 210 · 31 210 · 22 210 · 14	208 · 72 208 · 64 208 · 64 208 · 56 208 · 56	$\begin{array}{c} 207 \cdot 22 \\ 207 \cdot 22 \\ 207 \cdot 22 \\ 207 \cdot 31 \\ 207 \cdot 39 \end{array}$	207 · 22 207 · 31 207 · 31 207 · 31 207 · 31	209·31 209·39 209·39 209·39 209·47	$\begin{array}{c} 209 \cdot 47 \\ 209 \cdot 56 \\ 209 \cdot 64 \\ 209 \cdot 47 \\ 209 \cdot 31 \end{array}$	208-64 208-64 208-72 208-72 208-81	208 · 22 208 · 22 208 · 31 208 · 31 208 · 31	208 · 72 208 · 81 208 · 97 209 · 14 209 · 14
16	213 · 14 213 · 14 213 · 06 212 · 97 212 · 97	213 · 56 213 · 14 212 · 89 212 · 56 212 · 56	212·39 212·31 212·31 212·06 211·89	210 · 06 209 · 97 209 · 97 209 · 97 209 · 97	208 · 47 208 · 47 208 · 39 208 · 39 208 · 31	207 · 39 207 · 39 207 · 39 207 · 47 207 · 47	207 · 47 207 · 64 207 · 81 207 · 89 207 · 89	209 · 47 209 · 47 209 · 47 209 · 64 209 · 72	209 · 14 208 · 89 208 · 89 208 · 81 208 · 72	208-64 208-56 208-39 208-39 208-39	208·31 208·39 208·39 208·39 208·39	209 · 31 209 · 56 209 · 81 210 · 39 210 · 72
21 22 23 24 25	212 · 89 212 · 89 212 · 97 213 · 06 213 · 06	212 · 22 212 · 06 211 · 89 211 · 81 211 · 81	211 · 81 211 · 72 211 · 56 211 · 47 211 · 39	209 · 81 209 · 81 209 · 81 209 · 81 209 · 72	208·31 208·22 208·22 208·22 208·22	$\begin{array}{c} 207 \cdot 47 \\ 207 \cdot 39 \\ 207 \cdot 31 \\ 207 \cdot 31 \\ 207 \cdot 22 \end{array}$	207 · 97 207 · 97 208 · 06 208 · 14 208 · 14	209 · 81 209 · 89 210 · 06 210 · 06 210 · 06	$\begin{array}{c} 208 \cdot 64 \\ 208 \cdot 64 \\ 208 \cdot 64 \\ 208 \cdot 64 \\ 208 \cdot 64 \end{array}$	208 · 31 208 · 31 208 · 22 208 · 14 208 · 31	208 · 31 208 · 22 208 · 22 208 · 22 208 · 24	211·06 211·39 211·64 211·81 211·89
26. 27. 28. 29. 30.	213 · 06 213 · 14 213 · 31 213 · 31 213 · 47	211 · 97 212 · 81 212 · 06 212 · 22 212 · 31 212 · 31	211 · 31 211 · 22 211 · 22 211 · 22 211 · 14	209 · 64 209 · 64 209 · 56 209 · 39 209 · 22 209 · 06	208 · 14 208 · 14 208 · 14 208 · 06 208 · 06 207 · 97	207 · 22 207 · 22 207 · 14 207 · 14 207 · 14	208 · 22 208 · 31 208 · 39 208 · 56 208 · 64 208 · 72	210 · 14 210 · 22 210 · 31 210 · 22 210 · 06	$\begin{array}{c} 208 \cdot 64 \\ 208 \cdot 64 \\ 208 \cdot 64 \\ 208 \cdot 64 \\ 208 \cdot 56 \\ 208 \cdot 31 \end{array}$	208·31 208·31 208·31 208·22 208·22 208·14	208·14 208·14 208·14	211 · 97 212 · 06 212 · 14 212 · 06 211 · 97 211 · 97

ELEVATIONS above M.S.L. of Gatineau River below Chelsea, for 1903-04.

						FABLE N	o. 274.
1. 211-97 2. 211-97 3. 211-97 4. 212-06 5. 212-14	$\begin{array}{cccc} 212 \cdot 72 & 211 \cdot 47 \\ 212 \cdot 81 & 211 \cdot 31 \\ 212 \cdot 89 & 211 \cdot 14 \\ 213 \cdot 14 & 211 \cdot 06 \\ 213 \cdot 22 & 210 \cdot 97 \end{array}$	211 · 64 20 211 · 64 20 211 · 64 20	09·39 208·64 09·39 208·64 09·39 208·56 09·39 208·56 09·39 208·56 09·39 208·47	209 · 22 209 · 14 208 · 97 209 · 72 209 · 64 208 · 97	208 · 06 208 · 14 208 · 06 208 · 14 208 · 06 208 · 14 208 · 06 208 · 14 207 · 97 208 · 14	208 - 56	208 · 64 208 · 64 208 · 64 208 · 64 208 · 64
6 212·14 7 212·22 8 212·22 9 212·31 10 212·22	$\begin{array}{cccc} 213\cdot 39 & 210\cdot 89 \\ 213\cdot 72 & 210\cdot 72 \\ 213\cdot 31 & 210\cdot 47 \\ 213\cdot 31 & 210\cdot 39 \\ 213\cdot 31 & 210\cdot 31 \end{array}$	211 · 64 20 211 · 47 20 211 · 31 20	$\begin{array}{cccc} 09 \cdot 39 & 208 \cdot 47 \\ 09 \cdot 22 & 208 \cdot 39 \\ 09 \cdot 06 & 208 \cdot 39 \\ 08 \cdot 97 & 208 \cdot 31 \\ 08 \cdot 89 & 208 \cdot 31 \\ \end{array}$	$\begin{array}{cccc} 209\cdot 64 & 208\cdot 89 \\ 209\cdot 64 & 208\cdot 81 \\ 209\cdot 64 & 208\cdot 72 \\ 209\cdot 64 & 208\cdot 64 \\ 209\cdot 64 & 208\cdot 56 \end{array}$	207·97 208·14 207·97 208·14 207·97 208·14 207·97 208·14 207·97 208·14	208-64 208-64	$\begin{array}{c} 208 \cdot 64 \\ 208 \cdot 56 \end{array}$
11 212·22 12 212·22 13 212·22 14 212·22 15 212·22	$\begin{array}{cccc} 213\cdot 31 & 210\cdot 14 \\ 213\cdot 31 & 211\cdot 14 \\ 213\cdot 22 & 211\cdot 81 \\ 213\cdot 14 & 212\cdot 31 \\ 212\cdot 97 & 212\cdot 31 \end{array}$	210 · 81 20 210 · 72 20 210 · 64 20	$\begin{array}{ccc} 09\cdot06 & 208\cdot31 \\ 09\cdot22 & 208\cdot39 \\ 09\cdot39 & 208\cdot47 \\ 09\cdot72 & 208\cdot56 \\ 09\cdot97 & 208\cdot64 \end{array}$	$\begin{array}{cccc} 209 \cdot 72 & 208 \cdot 56 \\ 209 \cdot 81 & 208 \cdot 56 \\ 209 \cdot 89 & 208 \cdot 47 \\ 209 \cdot 97 & 208 \cdot 39 \\ 210 \cdot 06 & 208 \cdot 39 \end{array}$	207·97 208·06 207·97 208·06 207·97 208·06 207·97 208·06 207·97 208·06	208-72 208-72 208-72	$\begin{array}{c} 208\cdot 56 \\ 208\cdot 47 \end{array}$
16 212-31 17 212-31 18 212-51 19 212-56 20 212-64	$\begin{array}{cccc} 212 \cdot 97 & 212 \cdot 39 \\ 212 \cdot 97 & 212 \cdot 47 \\ 213 \cdot 72 & 212 \cdot 56 \\ 213 \cdot 64 & 212 \cdot 56 \\ 213 \cdot 56 & 212 \cdot 64 \\ \end{array}$	210 · 14 20 209 · 97 20 209 · 81 20	09-97 208-72 09-97 208-81 09-97 208-81 09-72 209-22 09-56 209-39	$\begin{array}{cccc} 210 \cdot 22 & 208 \cdot 39 \\ 210 \cdot 22 & 208 \cdot 39 \\ 210 \cdot 22 & 208 \cdot 39 \\ 210 \cdot 14 & 208 \cdot 31 \\ 210 \cdot 14 & 208 \cdot 31 \end{array}$	208 · 06 208 · 04 208 · 06 208 · 14 208 · 06 208 · 22 208 · 06 208 · 22 208 · 06 208 · 31	208-81 208-81	$\begin{array}{c} 208 \cdot 47 \\ 208 \cdot 39 \\ 208 \cdot 39 \\ 208 \cdot 39 \\ 208 \cdot 39 \end{array}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccc} 213 \cdot 22 & 212 \cdot 64 \\ 213 \cdot 06 & 212 \cdot 64 \\ 212 \cdot 89 & 212 \cdot 64 \\ 212 \cdot 72 & 212 \cdot 56 \\ 212 \cdot 56 & 212 \cdot 31 \\ \end{array}$	209·39 20 209·31 20 209·31 20	09-39 209-72 09-31 209-81 09-14 209-89 09-14 209-89 09-14 209-89	$\begin{array}{cccc} 210 \cdot 14 & 208 \cdot 22 \\ 210 \cdot 06 & 208 \cdot 22 \\ 210 \cdot 06 & 208 \cdot 14 \\ 209 \cdot 97 & 208 \cdot 14 \\ 209 \cdot 89 & 208 \cdot 14 \\ \end{array}$	208-06 208-31 208-06 208-35 208-06 208-35 208-06 208-35 208-06 208-35	208-81 208-72 208-72	$\begin{array}{c} 208 \cdot 39 \\ 208 \cdot 47 \\ 208 \cdot 47 \\ 208 \cdot 56 \\ 208 \cdot 56 \end{array}$
26 212-72 27 212-56 28 212-56 29 212-56 30 212-56 31	212·22 212·14 212·06 212·06 211·89 211·97 211·81 211·81 211·72 211·64 211·56	209·56 20 209·72 20 209·72 20 209·56 20	09 · 14	209·72 208·06 209·64 207·97 209·56 207·89 209·39 208·06 209·39 208·06 209·31	207·97 208·38 208·06 208·39 208·06 208·47 208·06 208·47 208·06 208·47 208·14 208·47	208 · 72 208 · 72 208 · 72	208 · 64 208 · 72 208 · 81 208 · 89 208 · 97 209 · 14

6 GEORGE V, A. 1916

Elevations above M.S.L. of Gatineau River below Chelşea, for 1904–05. Table No. 275.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	209-31 209-39 209-56 209-64 209-89	$\begin{array}{c} 214 \cdot 89 \\ 215 \cdot 39 \\ 215 \cdot 56 \\ 215 \cdot 81 \\ 216 \cdot 22 \end{array}$	215·31 215·31 215·14 214·97 214·97	211·64 211·64 211·64 211·64 211·56	209-31 209-31 209-39 209-39 209-31	208 · 64 208 · 64 208 · 56 208 · 56 208 · 47	210 · 39 210 · 06 209 · 72 209 · 64 209 · 64	209 · 22 209 · 14 208 · 97 208 · 97 208 · 97	208 · 06 208 · 06 208 · 06 208 · 06 207 · 97	$\begin{array}{c} 208 \cdot 22 \\ 208 \cdot 22 \end{array}$	$\begin{array}{c} 208 \cdot 47 \\ 208 \cdot 47 \end{array}$	208 · 64 208 · 56 208 · 56 208 · 64 208 · 64
6	210 · 14 210 · 39 210 · 64 210 · 81 211 · 06	$\begin{array}{c} 216 \cdot 39 \\ 216 \cdot 56 \\ 216 \cdot 72 \\ 217 \cdot 14 \\ 217 \cdot 39 \end{array}$	214·89 214·89 214·81 214·64 214·47	$\begin{array}{c} 211 \cdot 56 \\ 211 \cdot 64 \\ 211 \cdot 56 \\ 211 \cdot 31 \\ 211 \cdot 14 \end{array}$	209·39 209·22 209·14 209·06 208·97	208 · 47 208 · 39 208 · 39 208 · 31 208 · 31	209 · 56 209 · 56 209 · 56 209 · 64 209 · 64	$\begin{array}{c} 208 \cdot 89 \\ 208 \cdot 81 \\ 208 \cdot 72 \\ 208 \cdot 56 \\ 208 \cdot 56 \end{array}$	207-97 207-97 207-97 207-97 207-97	$\begin{array}{c} 208 \cdot 22 \\ 208 \cdot 22 \end{array}$	208 · 56 208 · 56 208 · 56 208 · 56 208 · 56	208 · 64 208 · 56 208 · 56 208 · 56 208 · 64
11 12 13 14 15	211·31 211·39 211·47 211·56 211·64	217·39 216·81 216·72 216·64 216·56	214·39 214·22 214·06 213·89 213·81	$\begin{array}{c} 211 \cdot 06 \\ 210 \cdot 81 \\ 210 \cdot 72 \\ 210 \cdot 64 \\ 210 \cdot 56 \end{array}$	208 · 89 209 · 14 209 · 47 209 · 81 209 · 89	208·31 208·39 208·56 208·47 208·64	209·72 209·81 209·89 209·89 210·14	208 · 47 208 · 47 208 · 39 208 · 39 208 · 39	207 · 97 207 · 97 207 · 97 207 · 97 208 · 06	208 · 06 208 · 06 208 · 06 208 · 14 208 · 14	208-81 208-72 208-72 208-72 208-81	208·56 208·47 208·47 208·47 208·47
16. 17. 18. 19. 20.	211·72 211·72 211·81 211·89 211·97	$\begin{array}{c} 216 \cdot 47 \\ 216 \cdot 39 \\ 216 \cdot 31 \\ 216 \cdot 06 \\ 215 \cdot 89 \end{array}$	213 · 64 213 · 39 213 · 06 212 · 97 212 · 89	210 · 56 210 · 14 209 · 97 209 · 72 209 · 56	209 · 97 209 · 97 209 · 97 209 · 72 209 · 64	208·72 208·72 208·81 209·31 209·47	$\begin{array}{c} 210 \cdot 06 \\ 210 \cdot 31 \\ 210 \cdot 31 \\ 210 \cdot 22 \\ 210 \cdot 22 \end{array}$	208·39 208·31 208·31 208·31 208·22	208.06 208.06 208.06 208.06 208.06	208 · 14 208 · 14 208 · 22 208 · 22 208 · 31	208 · 81 208 · 81 208 · 81 268 · 81 208 · 81	208 · 47 208 · 47 208 · 47 208 · 47 208 · 47
21 22 23 24 25	212·39 212·56 212·64 212·72 212·72	215·81 215·81 215·81 215·72 215·72	212·72 212·64 212·47 212·31 212·14	209·56 209·31 209·31 209·31 209·39	209·56 209·56 209·47 209·39 209·22	209·72 209·81 209·89 209·89 210·14	210 · 22 210 · 14 210 · 14 210 · 06 209 · 89	208 · 22 208 · 14 208 · 14 208 · 14 208 · 06	208 · 06 208 · 06 208 · 06 208 · 06 208 · 06	208 · 31 208 · 39 208 · 39 208 · 39 208 · 39	208 · 81 208 · 72 208 · 72 208 · 72 208 · 72	208 · 47 208 · 56 208 · 56 208 · 64 208 · 72
26	212-81 213-14 213-39 213-64 213-89	215-64 215-64 215-64 215-56 215-47 215-39	212·14 212·06 212·06 212·06 211·97	209·56 209·47 209·64 209·64 209·64 209·56	209 · 14 208 · 97 208 · 89 208 · 81 208 · 72 208 · 64	210·39 210·47 210·64 210·72 210·64	209·72 209·56 209·56 209·56 209·31 209·22	208 · 06 207 · 97 207 · 97 208 · 06 208 · 06	$\begin{array}{c} 207 \cdot 97 \\ 208 \cdot 14 \\ 208 \cdot 14 \\ 208 \cdot 14 \\ 208 \cdot 22 \\ 208 \cdot 22 \\ \end{array}$	208·39 208·39 208·56 208·56 208·56 208·56	208·72 208·72 208·64	208-81 208-47 208-31 208-89 208-97 209-14

Elevations above M.S.L. of Gatineau River below Chelsea, for 1905-06.

						TAB	E No. 276.
2	99-39 210-89 19-47 211-39 19-61 211-89	212·89 209·89 212·89 209·97 212·81 209·97 212·64 210·06 212·56 210·06	208 · 64 20 208 · 56 20 208 · 39 20	07-06 206-62 07-07 206-71 07-07 206-71 07-07 206-79 06-72 206-79	208·71 208·8 208·71 208·7 208·79 208·7 208·79 208·8 208·79 208·8	2 208·56 20 6 208·64 20 9 208·64 20	19·47 208·22 19·47 208·18 19·47 208·14 19·39 208·06 19·47 207·97
7	99·31 212·39 2 99·56 212·56 2 99·72 212·81	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	207·97 20 207·89 20 207·81 20	$\begin{array}{cccc} 06 \cdot 54 & 206 \cdot 79 \\ 06 \cdot 54 & 206 \cdot 79 \\ 06 \cdot 54 & 206 \cdot 79 \\ 06 \cdot 54 & 206 \cdot 96 \\ 06 \cdot 54 & 207 \cdot 04 \\ \end{array}$	208·87 208·8 208·87 208·8 208·87 208·8 208·88 208·8 208·96 208·9	9 208-60 20 9 208-68 20 0 208-76 20	99·35 207·93 99·31 207·97 99·39 207·89 19·22 207·81 99·06 207·81
12	09·22 213·06 09·31 213·22 09·39 213·47	211·06 210·39 211·06 210·47 210·81 210·31 210·81 210·14 210·81 209·97	207 · 47 20 207 · 39 20 207 · 31 20	$\begin{array}{cccc} 06 \cdot 54 & 207 \cdot 12 \\ 06 \cdot 54 & 207 \cdot 21 \\ 06 \cdot 54 & 207 \cdot 21 \\ 06 \cdot 62 & 207 \cdot 12 \\ 06 \cdot 62 & 207 \cdot 12 \\ \end{array}$	209·04 208·8 209·04 208·8 209·12 208·8 209·22 208·8 209·22 208·8	9 208·89 20 1 208·81 20 1 208·81 20	08-93 207-85 08-81 207-87 08-72 207-85 08-64 207-81 08-56 207-85
17	09·31 213·97 09·39 213·97 09·47 213·97	$\begin{array}{cccc} 210 \cdot 72 & 209 \cdot 81 \\ 210 \cdot 64 & 209 \cdot 64 \\ 210 \cdot 64 & 209 \cdot 47 \\ 210 \cdot 56 & 209 \cdot 47 \\ 210 \cdot 56 & 209 \cdot 39 \end{array}$	207 · 47 20 207 · 56 20 207 · 56 20	06-62 207-37 06-62 207-79 06-62 207-12 06-62 207-81 06-62 207-87	209·14 208·8 209·14 208·7 209·06 208·7 209·06 208·7 209·06 208·6	6 208·64 20 2 208·92 20 2 208·56 20	08-47 207-81 08-39 207-81 08-31 207-81 08-39 207-76 08-06 207-76
22 20 23 20 24 20	09·31 213·89 1 09·22 213·89 1 09·47 213·81	$\begin{array}{cccc} 210 \cdot 47 & 209 \cdot 39 \\ 210 \cdot 39 & 209 \cdot 31 \\ 210 \cdot 31 & 209 \cdot 31 \\ 210 \cdot 22 & 209 \cdot 31 \\ 210 \cdot 14 & 209 \cdot 31 \\ \end{array}$	207-39 20 207-31 20 207-22 20	$\begin{array}{cccc} 06 \cdot 54 & 207 \cdot 96 \\ 06 \cdot 54 & 208 \cdot 04 \\ 06 \cdot 62 & 208 \cdot 04 \\ 06 \cdot 62 & 208 \cdot 29 \\ 06 \cdot 62 & 208 \cdot 54 \\ \end{array}$	208-97 208-6 208-89 208-6 208-81 208-6 208-81 208-5 208-72 208-5	0 208·64 20 0 208·97 20 6 209·22 20	08-14 207-72 08-35 207-72 08-18 207-72 08-10 207-72 08-10 207-68
27. 20 28. 20 29. 20 30. 20	09-64 213-47 09-39 213-39 09-39 213-39 09-64 213-31	210 · 14 209 · 14 210 · 06 208 · 97 209 · 89 208 · 39 209 · 89 208 · 81 209 · 81 208 · 81 	207 · 22 20 207 · 14 20 207 · 06 20 207 · 06 20	06-62 208-71 06-62 208-79 06-71 208-79 06-62 208-79 06-62 208-79 06-62 208-79	208-89 208-5 208-89 208-5 208-85 208-5 208-89 208-5 208-76 208-4	1 208 · 81 20 1 208 · 89 20 1 208 · 97	208-18

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Gatineau River below Chelsea, for 1906–07. Table No. 277.

								-				
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	208·10 208·06 208·10	211-81 211-81 211-97 212-22 212-47	212·30 212·10 211·80 211·60 211·60	210 · 50 210 · 20 210 · 00 209 · 90 209 · 80	207 · 50 207 · 50 207 · 40 207 · 40 207 · 30	207 · 25 207 · 30 207 · 30 207 · 30 207 · 30	207·30 207·30 207·30 207·30 207·30	207 · 80 207 · 70 207 · 60 207 · 70 207 · 50	207 · 35 207 · 35 207 · 70 207 · 80 207 · 80			208·01 208·01 208·01 208·06 207·97
6	208 · 43 208 · 60 208 · 62 208 · 56 208 · 47	212.64 212.72 212.72 212.97 213.06	211 · 80 211 · 90 212 · 50 212 · 30 212 · 30	209·70 209·50 209·46 209·30 209·20	207 · 30 207 · 30 207 · 40 207 · 40 207 · 40	$\begin{array}{c} 207 \cdot 40 \\ 207 \cdot 50 \\ 207 \cdot 50 \\ 207 \cdot 50 \\ 207 \cdot 55 \end{array}$	$\begin{array}{c} 207 \cdot 20 \\ 207 \cdot 20 \\ 207 \cdot 20 \\ 207 \cdot 30 \\ 207 \cdot 30 \end{array}$	$\begin{array}{c} 207 \cdot 55 \\ 207 \cdot 55 \\ 207 \cdot 50 \\ 207 \cdot 40 \\ 207 \cdot 40 \end{array}$	207 · 90 207 · 90 207 · 90 207 · 95 208 · 10	207 · 64 207 · 64 207 · 64 207 · 64 207 · 64	208·09 208·09 208·09 208·09	207 · 97 207 · 93 207 · 93 207 · 89 207 · 89
11	208 · 39 208 · 37 208 · 31 208 · 39 208 · 89	212 · 97 212 · 89 212 · 97 213 · 06 213 · 14	212 · 20 212 · 10 212 · 10 212 · 10 212 · 10	208 · 80 208 · 60 208 · 30 208 · 20 208 · 00	$\begin{array}{c} 207 \cdot 50 \\ 207 \cdot 50 \end{array}$	$\begin{array}{c} 207 \cdot 52 \\ 207 \cdot 55 \\ 207 \cdot 55 \\ 207 \cdot 52 \\ 207 \cdot 50 \end{array}$	207 · 35 207 · 40 207 · 40 207 · 40 207 · 45	207 · 30 207 · 30 207 · 30 207 · 30 207 · 30	208 · 20 208 · 30 208 · 50 208 · 50 208 · 40	207 · 56 207 · 56 207 · 47 207 · 56 207 · 56	208 · 09 208 · 14 208 · 14 208 · 14 208 · 14	207 · 93 207 · 97 207 · 97 207 · 97 208 · 02
16	208 · 95 209 · 14 209 · 22 209 · 64 209 · 93	213·31 213·22 213·22 213·31 213·31	212 · 00 211 · 80 211 · 60 211 · 50 211 · 40	207 · 90 207 · 80 207 · 80 207 · 80 207 · 70	207 · 40 207 · 30 207 · 20 207 · 20 207 · 20	207 · 50 207 · 30 207 · 30 207 · 30 207 · 30	207 · 50 207 · 55 207 · 60 207 · 63 207 · 70	207·30 207·30 207·30 207·30 207·30	207 · 90 208 · 30 208 · 30 208 · 30 208 · 30	207 · 64 207 · 64 207 · 72 207 · 81 207 · 89	208 · 14 208 · 18 207 · 97 207 · 97 207 · 97	208 · 02 208 · 06 208 · 09 208 · 14 208 · 18
21 22 23 24 25	210 · 64 211 · 06 211 · 39 211 · 64 211 · 93	213 · 20 213 · 30 213 · 50 213 · 50 213 · 40	211 · 20 211 · 10 211 · 00 211 · 10 210 · 80	207 · 70 207 · 60 207 · 60 207 · 60 207 · 60	$\begin{array}{c} 207 \cdot 20 \\ 207 \cdot 20 \\ 207 \cdot 20 \\ 207 \cdot 20 \\ 207 \cdot 20 \end{array}$	207 · 30 207 · 30 207 · 30 207 · 30 207 · 30	207 · 70 207 · 70 207 · 60 207 · 90 207 · 90	207 · 30 207 · 30 207 · 30 207 · 30 207 · 30	208 · 30 208 · 30 208 · 30 208 · 30 208 · 30	207·97 208·06 207·89	207 · 97 207 · 97 207 · 97 207 · 97 207 · 89	208 · 22 208 · 22 208 · 22 208 · 31 208 · 47
26 27 28 29 30 31	211.93 211.97 211.97 211.89 211.85	213 · 40 213 · 10 213 · 10 212 · 80 212 · 60 212 · 50	210 · 80 210 · 80 210 · 70 210 · 70 210 · 60	207 · 60 207 · 50 207 · 50 207 · 50 207 · 50 207 · 60	207 · 20 207 · 25 207 · 25 207 · 25 207 · 25 207 · 25	207·30 207·30 207·30 207·30 207·30	207 · 90 208 · 00 208 · 00 208 · 05 208 · 00 207 · 90	207·30 207·30 207·35 207·35 207·35	208 · 30 208 · 20 208 · 10 208 · 20		207-97	208 · 64 208 · 72 208 · 64 208 · 64 208 · 64 208 · 64

ELEVATIONS above M.S.L. of Gatineau River below Chelsea, for 1907-8.

									TA	BLE No	. 278.
1	208 · 64 208 · 56 208 · 56 208 · 47 208 · 47	210·31 213·39 211·72 213·39 211·72 213·31 211·81 213·31 211·89 213·31		210·31 210·22 210·22 210·14 210·14	208-89 208-89 208-89 208-89 208-97	208 · 89 208 · 89 208 · 89 208 · 89 209 · 89	208 · 89 208 · 89 208 · 89 208 · 81 208 · 81	209 · 14 209 · 14 209 · 14 209 · 14 209 · 18	209 · 14 209 · 14 209 · 14 209 · 18 209 · 18	209 · 39 209 · 43 209 · 43 209 · 47 209 · 47	211 · 06 211 · 06 211 · 14 211 · 14 211 · 14
6	208 · 47 208 · 39 208 · 39 208 · 31 208 · 31	212·06 213·31 212·14 213·26 212·43 213·26 212·56 213·22 212·56 213·22	211·72 211·64	210 · 06 209 · 97 209 · 81 209 · 72 209 · 56	208 · 97 208 · 97 209 · 06 209 · 06 208 · 97	208 · 89 208 · 89 208 · 89 208 · 89 208 · 89	208 · 81 208 · 81 208 · 81 208 · 81 208 · 81	209 · 18 209 · 18 209 · 20 209 · 20 209 · 18	$\begin{array}{c} 209 \cdot 14 \\ 209 \cdot 14 \\ 209 \cdot 22 \\ 209 \cdot 22 \\ 209 \cdot 26 \end{array}$	209 · 47 209 · 47 209 · 56 209 · 56 209 · 56	$\begin{array}{c} 211 \cdot 22 \\ 211 \cdot 22 \end{array}$
11	208 · 22 208 · 06 208 · 22 208 · 39 208 · 56	212·64 213·14 212·72 213·14 212·81 213·10 212·89 213·10 212·97 213·06	211·47 211·39 211·31	209·39 209·22 209·06 209·06 209·06	208·97 208·97 208·97 208·97 208·97	208 · 89 208 · 89 208 · 89 208 · 89 208 · 89	208 · 81 208 · 81 208 · 81 208 · 81 208 · 81	209 · 18 209 · 14 209 · 14 209 · 14 209 · 14	$\begin{array}{c} 209 \cdot 26 \\ 209 \cdot 26 \\ 209 \cdot 26 \\ 209 \cdot 31 \\ 209 \cdot 31 \end{array}$	209 · 56 209 · 64 209 · 64 209 · 72 209 · 72	$\begin{array}{c} 211 \cdot 22 \\ 211 \cdot 31 \\ 211 \cdot 31 \\ 211 \cdot 31 \\ 211 \cdot 39 \end{array}$
16	208 · 81 208 · 89 209 · 10 209 · 10 209 · 14	212·81 213·06 213·06 213·06 213·14 213·16 213·31 213·06 213·47 212·97	211·14 211·14 211·06	209 · 06 209 · 06 209 · 06 209 · 06 209 · 06	208 · 97 208 · 89 208 · 89 208 · 89 208 · 89	208 · 89 208 · 89 208 · 97 208 · 97 208 · 97	208-81 208-81 208-81 208-81 208-81	$\begin{array}{c} 209 \cdot 14 \\ 209 \cdot 14 \\ 209 \cdot 14 \\ 209 \cdot 14 \\ 209 \cdot 10 \end{array}$	209 · 31 209 · 31 209 · 31 209 · 31 209 · 31	$\begin{array}{c} 209 \cdot 81 \\ 209 \cdot 89 \\ 210 \cdot 06 \\ 210 \cdot 14 \\ 210 \cdot 22 \end{array}$	211·39 211·39 211·47 211·47 211·47
21	209 · 14 209 · 22 209 · 22 209 · 31 209 · 31	213 · 64 212 · 86 214 · 81 212 · 86 215 · 31 212 · 86 215 · 31 212 · 81 215 · 47 212 · 72	210-89 210-72 210-64	209.06 208.97 208.97 208.97 208.89	208 · 89 208 · 89 208 · 89 208 · 89 208 · 89	208-97 208-97 208-97 208-97 208-97	208 · 81 208 · 72 208 · 72 208 · 72 208 · 64	$\begin{array}{c} 209 \cdot 10 \\ 209 \cdot 10 \\ 209 \cdot 10 \\ 209 \cdot 06 \\ 209 \cdot 06 \end{array}$	$\begin{array}{c} 209 \cdot 31 \\ 209 \cdot 31 \end{array}$	210 · 22 210 · 22 210 · 39 210 · 39 210 · 47	$\begin{array}{c} 211 \cdot 47 \\ 211 \cdot 47 \\ 211 \cdot 56 \\ 211 \cdot 56 \\ 211 \cdot 56 \end{array}$
26. 27. 28. 29. 30. 31.	209·39 209·47 209·64 209·72 209·97	214·56 212·56 214·56 212·47 214·22 212·47 214·22 212·47 213·64 212·38 213·64	210-47 210-47 210-39	208 · 97 208 · 97 208 · 97 208 · 97 208 · 89 208 · 89	208 · 89 208 · 97 208 · 97 208 · 97 208 · 97	208 · 97 208 · 97 208 · 97 208 · 97 208 · 97 208 · 97	208 · 64 208 · 64 208 · 64 208 · 64 208 · 56	$\begin{array}{c} 209\cdot06 \\ 209\cdot06 \\ 209\cdot06 \\ 209\cdot06 \\ 209\cdot06 \\ 209\cdot14 \end{array}$		210-64 210-81 210-89	211.56 211.56 211.64 211.64 211.81 212.06

6 GEORGE V, A. 1916 ELEVATIONS above M.S.L. of Gatineau River below Chelsea, for 1908–9.

											BLE N	0. 210.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	212·22 212·22 212·31 212·31 212·39	215·24 215·29 215·29 215·34 215·40	216·30 216·60 216·50 216·30 216·60	210 · 64 210 · 56 210 · 56 210 · 56 210 · 47	207 · 97 208 · 39		206 · 60 206 · 60 206 · 64 206 · 64 206 · 82	207 · 06 207 · 06 207 · 06 207 · 06 207 · 04	207 · 47 207 · 56 207 · 64 207 · 80 207 · 97	207 · 97 207 · 97 207 · 97 207 · 97 207 · 97	207·31 207·31 207·31 207·22 207·14	206 · 6 206 · 6 206 · 6 206 · 6 206 · 6
6	212·47 212·64 212·72 212·89 213·06	215 · 50 215 · 80 216 · 20 216 · 30 216 · 20	$\begin{array}{c} 216 \cdot 30 \\ 216 \cdot 20 \\ 215 \cdot 60 \\ 215 \cdot 30 \\ 214 \cdot 90 \end{array}$	210 · 47 210 · 31 210 · 22 210 · 22 210 · 14	$\begin{array}{c} 207 \cdot 97 \\ 207 \cdot 64 \\ 207 \cdot 56 \\ 207 \cdot 39 \\ 207 \cdot 39 \end{array}$	206 · 96 206 · 96 206 · 96 206 · 96	206 · 82 206 · 82 206 · 82 206 · 82 206 · 82	$207 \cdot 14$	208 · 14 208 · 35 208 · 39 208 · 56 208 · 64	207 · 97 207 · 97 207 · 89 207 · 89 207 · 89	208 · 10 208 · 20 207 · 14 207 · 06 207 · 06	206 · 6 206 · 6 206 · 6 206 · 6
1 2 3 4 5	213 · 22 213 · 22 213 · 31 213 · 47 213 · 56	216 · 70 217 · 10 216 · 89 217 · 14 217 · 36	$\begin{array}{c} 214 \cdot 60 \\ 214 \cdot 30 \\ 213 \cdot 80 \\ 214 \cdot 30 \\ 214 \cdot 20 \end{array}$	210 · 01 209 · 81 209 · 72 209 · 64 209 · 64	207 · 39 207 · 39 207 · 39 207 · 39 207 · 39		206 · 82 206 · 82 206 · 82 206 · 82 206 · 82	$\begin{array}{c} 207 \cdot 22 \\ 207 \cdot 22 \\ 207 \cdot 22 \\ 207 \cdot 22 \\ 207 \cdot 35 \end{array}$	208 · 64 208 · 64 208 · 56 208 · 39 208 · 39	207 · 89 207 · 89 207 · 89 207 · 81 207 · 81	206 · 97 206 · 97 206 · 97 206 · 89 206 · 89	206 - 1 206 - 1 206 - 1 206 - 1
6	213·72 213·89 213·89 214·06 214·22	217 · 50 217 · 55 217 · 60 217 · 60 217 · 60	$\begin{array}{c} 213 \cdot 90 \\ 213 \cdot 50 \\ 213 \cdot 20 \\ 213 \cdot 00 \\ 212 \cdot 70 \end{array}$	209 · 64 209 · 64 209 · 64 209 · 64 209 · 64	207 · 39 207 · 39 207 · 39 207 · 39 207 · 39	206 · 96 206 · 96 206 · 96	206 · 82 206 · 82 206 · 82 206 · 82 206 · 89	207 · 35 207 · 35 207 · 39 207 · 39 207 · 39	208·39 208·30 208·30 208·30 208·22	207 · 72 207 · 64 207 · 64 207 · 56 207 · 56	206 · 89 206 · 89 206 · 89 206 · 81 206 · 81	
21 22 23 24 25	214 · 31 214 · 39 214 · 47 214 · 56 214 · 64	217 · 60 217 · 55 217 · 50 217 · 70 217 · 70	212·40 212·30 212·30 212·30 212·20	209 · 64 209 · 56 209 · 56 209 · 56 209 · 56		206 - 89	206 · 89 206 · 89 206 · 89 206 · 89 206 · 97	207 · 47 207 · 47 207 · 47 207 · 47 207 · 47	208 · 22 208 · 22 208 · 22 208 · 22 208 · 22	207 · 47 207 · 47 207 · 47 207 · 47 207 · 39	206·72 206·72 206·72 206·72 206·72	
26. 27. 28. 29. 30.	215 · 22 215 · 22 215 · 22	217·70 217·60 217·50 217·30 216·70 216·50		209 - 39		206 · 82 206 · 82 206 · 60	206.97	207 · 47 207 · 47 207 · 47 207 · 47 207 · 56 207 · 43	208 · 14 208 · 14 207 · 64 207 · 64 207 · 64 207 · 64	207·31 207·39 207·39 207·31 207·31 207·31	206 · 72 206 · 64 206 · 64	

Elevations above M.S.L. of Gatineau River below Chelsea, for 1909–10.

1110/11/01/0	0,0 1,1,0,12,	0. 0					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,	BLE No	280
1	214·50 218·20 214·70 217·90 214·60 217·65 214·65 217·25 214·50 216·65	211·30 211·30 211·30 211·30 210·90	213 · 60 213 · 30 213 · 15 212 · 80 212 · 65	209 · 30 209 · 30 209 · 30 209 · 30 209 · 50	210 · 30 210 · 30 210 · 30 210 · 30 210 · 30	208 · 90 208 · 80 208 · 70 208 · 60 208 · 55	208 · 90 208 · 90 208 · 90 208 · 90 208 · 90	208-50 208-50 208-40 208-30 208-10	208-30 208-30 208-30 208-30 208-30	207·70 207·70 207·60 207·60 207·60
6 211·10 7 211·50 8 212·20 9 212·70 10 213·20	214·40 216·20 214·40 216·10 214·50 215·45 214·50 215·10 214·70 214·80	210 · 80 210 · 80 210 · 70 210 · 70 210 · 50	212·30 212·10 211·75 211·45 211·05	209 · 60 209 · 90 210 · 05 210 · 10 210 · 25	210 · 60 210 · 80 210 · 50 210 · 50 210 · 40	208 · 40 208 · 30 208 · 30 208 · 30 208 · 30	209-00 209-00 209-10 209-30 209-30	208·10 208·10 208·00 208·00 208·00	208-30 208-30 208-30 208-30 208-30	207 · 65 207 · 70 208 · 00 207 · 90 207 · 90
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccc} 215 \cdot 50 & 214 \cdot 30 \\ 215 \cdot 90 & 214 \cdot 00 \\ 216 \cdot 15 & 213 \cdot 40 \\ 216 \cdot 45 & 213 \cdot 30 \\ 216 \cdot 65 & 212 \cdot 90 \end{array}$	$\begin{array}{c} 210 \cdot 30 \\ 210 \cdot 10 \\ 210 \cdot 00 \\ 209 \cdot 90 \\ 209 \cdot 90 \end{array}$	$\begin{array}{c} 211 \cdot 10 \\ 211 \cdot 00 \\ 211 \cdot 00 \\ 211 \cdot 00 \\ 210 \cdot 95 \end{array}$	$\begin{array}{c} 210 \cdot 10 \\ 210 \cdot 05 \\ 210 \cdot 00 \\ 210 \cdot 00 \\ 210 \cdot 10 \end{array}$	$\begin{array}{c} 210 \cdot 30 \\ 210 \cdot 10 \\ 210 \cdot 00 \\ 209 \cdot 90 \\ 209 \cdot 70 \end{array}$	208 · 30 208 · 30 208 · 30 208 · 30 208 · 30	209 · 30 209 · 30 209 · 30 209 · 30 209 · 30	208-00 208-00 207-90 207-90 207-90	$\begin{array}{c} 208 \cdot 30 \\ 208 \cdot 20 \\ 208 \cdot 15 \\ 207 \cdot 90 \\ 207 \cdot 80 \end{array}$	208 · 00 208 · 00 208 · 00 208 · 00 208 · 00
$\begin{array}{cccc} 16 & & 216 \cdot 30 \\ 17 & & 216 \cdot 69 \\ 18 & & & & \\ 19 & & 216 \cdot 60 \\ 20 & & 216 \cdot 50 \\ \end{array}$	$\begin{array}{cccc} 217\cdot00 & 212\cdot50 \\ 217\cdot40 & 212\cdot50 \\ 217\cdot55 & 212\cdot50 \\ 217\cdot85 & 212\cdot30 \\ 217\cdot85 & 212\cdot30 \end{array}$	$\begin{array}{c} 209 \cdot 90 \\ 210 \cdot 10 \\ 210 \cdot 20 \\ 210 \cdot 30 \\ 210 \cdot 20 \end{array}$	$\begin{array}{c} 210 \cdot 95 \\ 211 \cdot 00 \\ 210 \cdot 95 \\ 210 \cdot 90 \\ 210 \cdot 85 \end{array}$	$\begin{array}{c} 210 \cdot 20 \\ 210 \cdot 30 \\ 210 \cdot 60 \\ 210 \cdot 90 \\ 210 \cdot 80 \end{array}$	209·70 209·65 209·70 209·80 209·85	$\begin{array}{c} 208 \cdot 40 \\ 208 \cdot 40 \\ 208 \cdot 40 \\ 208 \cdot 40 \\ 208 \cdot 50 \end{array}$	209 · 10 209 · 10 209 · 10 209 · 00 209 · 00	207 · 90 207 · 90 207 · 90 207 · 90 207 · 90	$\begin{array}{c} 207 \cdot 70 \\ 207 \cdot 70 \\ 207 \cdot 75 \\ 207 \cdot 70 \\ 207 \cdot 70 \\ 207 \cdot 70 \end{array}$	$\begin{array}{c} 208 \cdot 10 \\ 208 \cdot 00 \\ 208 \cdot 00 \\ 208 \cdot 10 \\ 208 \cdot 20 \end{array}$
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccc} 218 \cdot 25 & 212 \cdot 40 \\ 218 \cdot 30 & 212 \cdot 30 \\ 218 \cdot 75 & 212 \cdot 30 \\ 218 \cdot 85 & 212 \cdot 30 \\ 218 \cdot 90 & 212 \cdot 30 \end{array}$	$\begin{array}{c} 210\cdot 80 \\ 210\cdot 30 \\ 210\cdot 25 \\ 210\cdot 60 \\ 211\cdot 00 \end{array}$	$\begin{array}{c} 210 \cdot 80 \\ 210 \cdot 80 \\ 210 \cdot 60 \\ 210 \cdot 50 \\ 210 \cdot 30 \end{array}$	$\begin{array}{c} 210\cdot 80 \\ 210\cdot 90 \\ 210\cdot 80 \\ 210\cdot 80 \\ 210\cdot 60 \end{array}$	209 · 90 209 · 90 209 · 90 209 · 90 209 · 60	208 · 60 208 · 70 208 · 80 208 · 80 208 · 90	$\begin{array}{c} 209\cdot00 \\ 208\cdot95 \\ 208\cdot95 \\ 208\cdot90 \\ 208\cdot90 \end{array}$	207 · 90 208 · 20 208 · 20 208 · 30	$\begin{array}{c} 207 \cdot 70 \\ 207 \cdot 70 \end{array}$	208 - 20 208 - 90 209 - 00 209 - 10 209 - 20
$\begin{array}{cccccccccccccccccccccccccccccccccccc$	219·00 212·30 218·95 212·30 218·95 211·80 218·85 211·70 218·60 211·70 218·80	211 · 80 212 · 85 213 · 45 214 · 00 213 · 30 213 · 95	210 · 20 210 · 20 209 · 90 209 · 65 209 · 30 209 · 30	210·30 210·30 210·30 210·30 210·20	209 · 30 209 · 30 209 · 20 209 · 10 209 · 00 208 · 90	208-80 208-90 208-90 208-90 208-90	$\begin{array}{c} 208 \cdot 90 \\ 208 \cdot 90 \\ 208 \cdot 70 \\ 208 \cdot 55 \\ 208 \cdot 55 \\ 208 \cdot 50 \end{array}$		207 · 70 207 · 70 207 · 65	209·70 210·10 210·80 210·90 211·10 211·30

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Gatineau River below Chelsea, for 1910-11.

May. Day. April. June. July. Aug. Sept. Oct. Nov. Dec. Jan. Feb. March 211.00 210.30 $208 \cdot 50$ 209 - 25 209 - 10 208-05 207 - 80 209 · 40 209 · 40 212.00 212.25 212.60 215 · 60 215 · 50 211.00 211.90 209·30 209·30 208 · 50 208 · 50 208 · 20 208 · 60 209·10 209·05 208 · 00 207 · 90 207 · 80 207 · 80 207 · 74 207 · 94 207 · 74 207 · 74 207 · 59 209.00 214 - 90 $208 \cdot 50$ 209 - 50 210.00 208-90 207.80 208-00 207 - 99 $214 \cdot 50$ 212.30 210 - 10 208-00 207 - 99 207-39 207-39 207-29 207-39 $212 \cdot 75 \\ 212 \cdot 80$ $214 \cdot 50 \\ 214 \cdot 20$ 212 - 30 209 · 70 209 · 50 208-50 209 · 60 209 · 70 209 · 70 $210 \cdot 10$ $210 \cdot 10$ $210 \cdot 20$ 208 - 90 207 · 80 207 · 80 207 · 75 208-00 208-09 208 · 50 208 · 50 208 - 90 208-00 $208 \cdot 54$ 208-90 213.80 $^{212\ 30}_{212\cdot 30}$ 200.40 208-00 208.51 208-90 10..... $213 \cdot 20$ 213 - 60 209-30 208-50 210.90 208-00 208 - 29 212 · 80 212 · 30 212 · 30 212 · 10 207 · 49 207 · 29 207 · 09 207 · 19 207 · 29 $213 \cdot 50 \\ 213 \cdot 70$ 209 - 30 208 - 50 209 - 70 210 - 10 208-90 207 - 70 208-00 208-19 209·30 209·30 208 - 40 208 - 95 207 · 60 207 · 69 208-00 207-90 208-14 214 - 10 208-95 214.30 212 - 25 209.30 209-65 208 - 95 207-69 207 · 80 207 · 79 207.99 208 - 30 200+00 207-60 214 20 212.00 209 - 20 209 - 70 $211 \cdot 00$ 208-14 $\begin{array}{c} 212 \cdot 00 \\ 211 \cdot 70 \\ 211 \cdot 40 \\ 211 \cdot 30 \end{array}$ 207 - 60 209 - 40 208 - 30 213 · 50 213 · 30 213 · 30 211 · 70 211 · 60 211 · 60 207 · 60 207 · 69 207 · 84 207 · 84 207 · 84 209·30 209·30 208 · 30 208 · 30 209 · 65 210-30 208-85 208-04 207-39 207-39 207-29 208 - 04 209 - 30 208 - 80 20. 213 - 20 209 - 30 208 - 30 209-60 209 - 70 208 - 80 208-09 207 - 94 207-29 $\begin{array}{c} 211 \cdot 60 \\ 211 \cdot 50 \\ 211 \cdot 40 \\ 211 \cdot 30 \end{array}$ 207 · 29 207 · 29 207 · 19 207 · 09 211·10 210·95 209.00 208-30 209-50 209 - 50 208 - 70 207 - 80 208-04 213.30 207 · 80 207 · 80 207 · 75 207 · 89 207 · 94 213.80 209 - 00 208 - 20 209 - 45 209-30 208 - 70 207 · 84 207 · 79 207 · 94 209-00 214.30 210 · 90 210 · 90 208 · 20 208 · 25 209 - 30 209 - 20 208 - 60 214 - 69 208 · 90 208 · 80 209 - 30 209 - 20 208 - 45 207 - 89 214.80 210-90 210.95 208 - 20 209 - 40 208 - 30 207 - 70 $207 \cdot 94$ 207-69 $\begin{array}{c} 207 \cdot 79 \\ 207 \cdot 79 \\ 207 \cdot 69 \\ 207 \cdot 69 \\ 207 \cdot 69 \\ 207 \cdot 69 \\ 207 \cdot 79 \end{array}$ 207-29 207-39 207-49 207-69 207-69 $^{215\cdot 00}_{215\cdot 10}_{215\cdot 30}$ 210.80 208-20 209.30 $208 \cdot 30$ 207 - 70 210.69 208 - 75 208 - 25 $207 \cdot 60$ $207 \cdot 55$ $207 \cdot 50$ $211 \cdot 10$ $211 \cdot 10$ 208 - 40 209 - 10 208 - 30 210.50 208-60 209 - 10 208 - 20 208 - 50 208 - 20 210 · 80 211 · 00 210 · 95 210 - 45 208 - 50 208 - 80 209 - 10 208 - 15 30 31 215.60 210 - 40 208 · 50 208 · 50 209 - 00 208 - 10 209·10 209·05 208 - 10 207 - 50 209 - 20

Elevations above M.S.L. of Gatineau River below Chelsea, for 1911–12.

									Т	ABLE N	No. 282.
1	207 · 69 207 · 69 207 · 39 207 · 19 207 · 39	213·59 213 214·79 213 215·09 213 215·29 213 215·54 213	89 210 · 74 84 210 · 54 79 210 · 39	208 · 54 208 · 44 208 · 39 208 · 29 208 · 29	208 · 19 208 · 29 208 · 19 208 · 14 208 · 09	207 · 54 207 · 49 207 · 59 207 · 59 207 · 54	207 · 44 207 · 54 207 · 54 207 · 54 207 · 49	208-04 207-89 207-94 207-79 207-84	$\begin{array}{c} 208 \cdot 14 \\ 208 \cdot 14 \\ 208 \cdot 34 \\ 208 \cdot 34 \\ 208 \cdot 24 \end{array}$	208 · 44 208 · 04 208 · 09 208 · 04 207 · 99	207 · 74 207 · 74 207 · 74 207 · 74 207 · 79
6	207 · 69 208 · 59 208 · 99 208 · 29 207 · 99	216·09 213 216·09 213 215·94 213 215·59 213 215·59 213	72 210 · 19 69 210 · 14 69 209 · 94	208 · 24 208 · 19 20 ₀ · 09 208 · 09 209 · 59	$\begin{array}{c} 207 \cdot 99 \\ 208 \cdot 04 \\ 208 \cdot 04 \\ 208 \cdot 09 \\ 207 \cdot 99 \end{array}$	$\begin{array}{c} 207 \cdot 54 \\ 207 \cdot 49 \\ 207 \cdot 44 \\ 207 \cdot 49 \\ 207 \cdot 49 \end{array}$	$\begin{array}{c} 207 \cdot 49 \\ 207 \cdot 54 \\ 207 \cdot 54 \\ 207 \cdot 54 \\ 207 \cdot 64 \end{array}$	207 · 84 207 · 79 207 · 79 207 · 79 207 · 84	$\begin{array}{c} 208 \cdot 24 \\ 208 \cdot 74 \\ 208 \cdot 64 \\ 208 \cdot 74 \\ 208 \cdot 84 \end{array}$	207 · 94 207 · 94 207 · 99 208 · 04 208 · 14	207 · 74 207 · 54 207 · 39 207 · 14 207 - 14
11	208 · 14 208 · 39 208 · 49 208 · 99 209 · 10	$\begin{array}{cccc} 215 \cdot 54 & 213 \\ 215 \cdot 29 & 213 \\ 215 \cdot 34 & 213 \\ 215 \cdot 29 & 213 \\ 214 \cdot 89 & 213 \end{array}$	69 209 · 64 69 209 · 54 69 209 · 49	209-69 209-79 210-09 209-99 209-89	207 · 94 207 · 89 207 · 89 207 · 69 207 · 74	$\begin{array}{c} 207 \cdot 54 \\ 207 \cdot 49 \\ 207 \cdot 49 \\ 207 \cdot 49 \\ 207 \cdot 49 \end{array}$	207 · 64 207 · 64 207 · 64 207 · 64 207 · 69	208 · 04 208 · 69 208 · 74 208 · 74 208 · 79	208 · 74 208 · 64 208 · 74 208 · 64 208 · 69	208 · 04 207 · 94 207 · 89 207 · 69 207 · 64	207 · 14 207 · 64 207 · 14 207 · 0 £ 207 · 04
16	$\begin{array}{c} 210 \cdot 99 \\ 210 \cdot 39 \\ 210 \cdot 29 \\ 210 \cdot 29 \\ 210 \cdot 39 \end{array}$	214 · 79 213 214 · 69 213 214 · 54 213 213 · 44 213 213 · 64 213	49 209 · 24 39 209 · 19 29 209 · 09	209·59 209·49 209·44 209·29 209·19	207-69 207-69 207-64 207-64 207-59	$\begin{array}{c} 207 \cdot 54 \\ 207 \cdot 54 \\ 207 \cdot 54 \\ 207 \cdot 49 \\ 207 \cdot 54 \end{array}$	207 · 74 207 · 89 207 · 74 207 · 79 207 · 89	208 · 84 208 · 89 208 · 94 208 · 79 208 · 84	208 · 74 208 · 69 208 · 69 208 · 74	$\begin{array}{c} 207 \cdot 54 \\ 207 \cdot 54 \end{array}$	207 · 04 206 · 94 206 · 94 207 · 14 207 · 14
21	$\begin{array}{c} 210 \cdot 39 \\ 210 \cdot 39 \\ 210 \cdot 69 \\ 211 \cdot 09 \\ 211 \cdot 59 \end{array}$	213 · 69 212 213 · 74 212 213 · 69 212 213 · 69 212 213 · 59 212	59 208 99 39 209 24 29 209 19		207 · 59 207 · 64 207 · 59 207 · 59 207 · 59	207 · 54 207 · 44 207 · 39 207 · 29 207 · 19	$\begin{array}{c} 207 \cdot 74 \\ 207 \cdot 61 \\ 207 \cdot 74 \\ 207 \cdot 74 \\ 207 \cdot 74 \\ 207 \cdot 74 \end{array}$	208 · 74 208 · 59 208 · 64 208 · 59 208 · 59	208 · 74 208 · 64 208 · 74 208 · 74 208 · 49	207 · 54 207 · 59 207 · 64 207 · 64 207 · 54	207 · 24 207 · 34 207 · 34 207 · 29 207 · 14
26. 27. 28. 29. 30. 31.	211 · 94 212 · 09 212 · 39 212 · 69 212 · 89	213·99 212 214·19 211 214·29 211 214·29 211 214·19 210 214·09	·59 208·59 ·29 208·64 ·14 208·59	208 · 39 208 · 29 208 · 29	207-59 207-59 207-59 207-64 207-59	$\begin{array}{c} 207 \cdot 19 \\ 207 \cdot 19 \\ 207 \cdot 19 \\ 207 \cdot 19 \\ 207 \cdot 29 \\ 207 \cdot 39 \end{array}$	207 · 89 207 · 99 208 · 14 208 · 29 208 · 19	$\begin{array}{c} 208 \cdot 54 \\ 208 \cdot 44 \\ 208 \cdot 24 \\ 208 \cdot 24 \\ 208 \cdot 24 \\ 208 \cdot 19 \end{array}$	208 · 24 208 · 29 208 · 34 208 · 34 208 · 34 208 · 39	207 · 54 207 · 64 207 · 69 207 · 69	207 · 14 207 · 19 207 · 24 207 · 29 207 · 34 207 · 34

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Gatineau River below Chelsea, for 1912-13.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
12345	207·29 207·24 207·24 207·29 207·34	214 · 49 214 · 54 214 · 64 214 · 74 214 · 49	214·69 214·59 214·49 214·09 213·84	211·89 211·49 211·09 210·64 210·54	208·30 208·20 208·04 208·09 208·14	208 · 14 208 · 14 208 · 19 208 · 19 208 · 24	207-89 207-84 207-89 207-89 207-94	211-09 210-99 210-94 210-84 210-69	209·79 209·79 209·79 209·64 209·54	208 · 49 208 · 49 208 · 54 208 · 54 208 · 49	208·29 208·29 208·29 208·24 208·14	207 · 69 207 · 69 207 · 64 207 · 64 207 · 64
6	207 · 34 207 · 74 208 · 44 208 · 64 208 · 64	214 · 34 214 · 09 214 · 09 213 · 94 213 · 89	213 · 69 213 · 64 213 · 59 213 · 24 213 · 19	$\begin{array}{c} 210 \cdot 44 \\ 210 \cdot 34 \\ 210 \cdot 29 \\ 210 \cdot 14 \\ 210 \cdot 09 \end{array}$	208 · 19 208 · 19 208 · 24 208 · 34 208 · 49	208 · 24 208 · 14 208 · 14 208 · 19 208 · 19	207 · 89 207 · 84 207 · 79 207 · 74 207 · 79	210·59 211·09 211·54 211·94 211·94	209·79 209·94 209·79 209·54 209·49	208 · 44 208 · 34 208 · 29 208 · 34 208 · 24	208 · 19 208 · 09 208 · 04 208 · 04 208 · 04	207.64 207.69 207.69 207.69 207.64
11	208-64 208-89 209-04 209-19 209-49	213 · 84 214 · 44 214 · 69 214 · 94 215 · 04	212.99 212.94 212.79 212.79 212.89	210 · 04 210 · 04 210 · 09 210 · 04 210 · 04	208 · 53 208 · 49 208 · 34 208 · 24 208 · 39	208 · 24 208 · 19 208 · 09 208 · 09 208 · 09	207·79 207·84 207·89 207·84 207·84	211 · 94 211 · 94 211 · 94 211 · 79 211 · 59	209·34 209·39 209·34 209·34 209·34	208 · 19 208 · 24 208 · 34 208 · 34 208 · 39	208-09 208-09 208-04 207-99 207-99	207.59 207.59 207.54 207.54 207.59
16	210 · 54 210 · 94 211 · 49 211 · 79 212 · 04	215 · 09 215 · 54 215 · 84 215 · 84 215 · 74	212·74 212·69 212·49 212·44 212·59	209 · 99 209 · 99 209 · 94 209 · 94 209 · 89	$208 \cdot 44$ $208 \cdot 54$ $208 \cdot 44$ $208 \cdot 24$ $208 \cdot 14$	208·09 208·04 207·99 207·94 207·94	207 · 84 207 · 99 208 · 04 208 · 14 208 · 34	211 · 44 211 · 39 211 · 14 210 · 84 210 · 74	209·39 209·19 208·94 209·04 209·09	208 · 29 208 · 19 208 · 14 208 · 24 208 · 34	207-99 207-89 207-89 207-89 207-84	207 · 74 207 · 89 208 · 04 208 · 39 208 · 64
21 22 23 24 25	212·29 212·40 212·89 213·54 213·69	215 · 49 215 · 29 215 · 04 214 · 89 214 · 74	212 · 64 212 · 79 212 · 49 212 · 24 212 · 24	209·54 209·54 209·34 209·14 208·94	208 · 04 207 · 94 207 · 84 207 · 74 207 · 64	207 · 89 207 · 94 208 · 09 208 · 14 208 · 19	208 · 59 208 · 74 209 · 19 209 · 84 210 · 14	210 · 59 210 · 44 210 · 19 210 · 14 210 · 14	208 • 94 209 • 04 208 • 94 208 • 89 208 • 69	208 · 39 208 · 44 208 · 44 208 · 39 208 · 39	207 · 84 207 · 79 207 · 79 207 · 74 207 · 74	208 · 84 208 · 99 210 · 24 211 · 19 212 · 14
26 27 28 29 30 31	213 · 84 213 · 99 214 · 09 214 · 24 214 · 44	214 · 84 214 · 99 215 · 24 215 · 29 215 · 09 214 · 84	212 · 24 212 · 19 212 · 19 212 · 14 212 · 14	208 · 84 208 · 64 208 · 59 208 · 54 208 · 44 208 · 44	207·74 207·89 207·89 207·94 208·09 208·14	208 · 24 208 · 14 208 · 09 207 · 99 207 · 94	210 · 04 210 · 94 211 · 24 211 · 29 211 · 39 211 · 19	210 · 09 210 · 04 209 · 89 209 · 84 209 · 79	208 · 59 208 · 79 208 · 94 208 · 59 208 · 54 208 · 49	208·34 208·34 208·39 208·34 208·34	207·74 207·74 207·74	212·24 212·29 212·44 212·54 212·54 212·54

Elevations above M.S.L. of Gatineau River below Chelsea, for 1913-14.

TABLE No. 284.

1	212·59 212·64	216 · 14 216 · 19 216 · 44 216 · 39 216 · 34	$\begin{array}{c} 211 \cdot 19 \\ 210 \cdot 94 \\ 210 \cdot 79 \\ 210 \cdot 69 \\ 210 \cdot 49 \end{array}$	$\begin{array}{c} 208 \cdot 94 \\ 208 \cdot 89 \\ 208 \cdot 79 \\ 208 \cdot 69 \\ 208 \cdot 69 \end{array}$	208 · 14 207 · 99 207 · 99 207 · 94 207 · 79	$\begin{array}{c} 207 \cdot 79 \\ 207 \cdot 79 \\ 207 \cdot 79 \\ 207 \cdot 74 \\ 207 \cdot 74 \end{array}$	$\begin{array}{c} 208 \cdot 04 \\ 208 \cdot 04 \\ 208 \cdot 14 \\ 208 \cdot 09 \\ 207 \cdot 89 \end{array}$	211 · 69 211 · 39 211 · 19 210 · 89 210 · 64	211 · 29 211 · 29 211 · 04 210 · 79 210 · 64	208 · 14 208 · 29 208 · 29 208 · 14 207 · 99	207 · 94 207 · 94 207 · 89 207 · 74 207 · 89	207 · 84 207 · 84 207 · 84 207 · 59 207 · 59
6	212.84 212.89 212.94 212.94 212.94	215·94 215·69 215·39 215·09 214·94	210 · 44 210 · 34 210 · 34 210 · 29 210 · 24	$\begin{array}{c} 208 \cdot 54 \\ 208 \cdot 49 \\ 208 \cdot 44 \\ 208 \cdot 39 \\ 208 \cdot 24 \end{array}$	207 · 74 207 · 59 207 · 54 207 · 54 207 · 49	207 · 69 207 · 64 207 · 64 207 · 64 207 · 59	207 · 69 207 · 54 207 · 54 207 · 54 207 · 44	210 · 54 210 · 39 210 · 19 210 · 34 210 · 49	210 · 59 210 · 39 210 · 39 210 · 14 209 · 99	207 · 89 207 · 84 207 · 84 207 · 79 207 · 74	207 · 94 208 · 04 207 · 99 207 · 99 208 · 04	207·59 207·54 207·49 207·49 207·49
11 12 13 14 15	212.94 212.99 213.04 213.04 213.29	214 · 59 214 · 39 214 · 34 213 · 89 213 · 44	210 · 14 210 · 14 210 · 14 210 · 09 209 · 99	208 · 14 208 · 19 208 · 34 208 · 39 208 · 54	207 · 49 207 · 34 207 · 34 207 · 29 207 · 29	207 · 59 207 · 54 207 · 49 207 · 44 207 · 44	207 · 39 207 · 34 207 · 34 207 · 29 207 · 34	210 · 69 210 · 89 211 · 24 211 · 59 211 · 99	209 · 89 209 · 69 209 · 64 209 · 19 208 · 89	207 · 99 208 · 04 208 · 24 208 · 29 208 · 29	208 · 04 208 · 14 208 · 24 208 · 34 208 · 34	207 · 49 207 · 49 207 · 44 207 · 49 207 · 44
16	213-69	213 · 19 212 · 89 212 · 64 212 · 49 212 · 24	209 · 94 209 · 89 209 · 74 200 · 74 209 · 69	208 · 54 208 · 59 208 · 74 208 · 89 208 · 79	207 · 24 207 · 24 207 · 24 207 · 19 207 · 14	$\begin{array}{c} 207 \cdot 29 \\ 207 \cdot 29 \\ 207 \cdot 24 \\ 207 \cdot 24 \\ 207 \cdot 19 \end{array}$	207·39 207·54 207·64 207·64 207·79	211 · 94 211 · 79 211 · 69 211 · 64 211 · 59	208 · 64 208 · 59 208 · 44 208 · 44 208 · 29	208 · 34 208 · 39 208 · 39 208 · 34 208 · 29	208 · 24 208 · 04 208 · 04 207 · 99 207 · 99	207 · 44 207 · 44 207 · 44 207 · 39 207 · 29
21 22 23 24 25	213·99 213·99	212·09 211·94 211·84 211·69 211·54	$\begin{array}{c} 209 \cdot 69 \\ 209 \cdot 64 \\ 209 \cdot 59 \\ 209 \cdot 54 \\ 209 \cdot 54 \end{array}$	$\begin{array}{c} 208 \cdot 64 \\ 208 \cdot 59 \\ 208 \cdot 59 \\ 208 \cdot 54 \\ 208 \cdot 44 \end{array}$	207 · 04 207 · 04 207 · 04 207 · 14 207 · 29	$\begin{array}{c} 207 \cdot 14 \\ 207 \cdot 49 \\ 207 \cdot 64 \\ 207 \cdot 74 \\ 207 \cdot 79 \end{array}$	$\begin{array}{c} 207 \cdot 84 \\ 207 \cdot 94 \\ 208 \cdot 69 \\ 209 \cdot 19 \\ 209 \cdot 64 \end{array}$	211-49 211-24 211-24 211-24 211-29	208 · 29 208 · 34 208 · 34 208 · 29 208 · 39	208 · 14 208 · 09 208 · 04 208 · 04 208 · 14	208 · 04 207 · 94 207 · 94 207 · 99 207 · 94	207 · 29 207 · 29 207 · 34 207 · 34 207 · 34
26. 27. 28. 29. 30. 31.	214 · 34 214 · 49 214 · 94 215 · 64	211 · 49 211 · 44 211 · 44 211 · 39 211 · 34 211 · 34	209·59 209·59 209·49 209·29 209·09	208 · 29 208 · 29 208 · 29 208 · 24 208 · 19 208 · 19	$\begin{array}{c} 207 \cdot 44 \\ 207 \cdot 69 \\ 207 \cdot 84 \\ 207 \cdot 79 \\ 207 \cdot 74 \\ 207 \cdot 74 \end{array}$	207-84 207-99 207-99 207-99 207-99	210 · 19 210 · 74 211 · 19 211 · 69 211 · 69 211 · 74	211 · 29 211 · 34 211 · 34 211 · 34 211 · 34	208 · 44 208 · 54 208 · 39 208 · 34 208 · 29 208 · 14	207 - 99	207 · 94 207 · 84 207 · 84	207 · 39 207 · 54 207 · 54 207 · 54 207 · 54 207 · 74

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Gatineau River below Chelsea, for 1914-15.

TABLE No. 285.

					-						11020	110. 200.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	207-69	211 · 49	210 · 24	209·19	207·94	207.54	207·24	207 · 44	208·09	208·54	208·44	207-64
2	207-54	211 · 49	210 · 14	209·19	207·84	207.54	207·14	207 · 44	208·09	208·54	208·49	207-59
3	207-54	211 · 64	210 · 04	209·24	207·84	207.54	207·14	207 · 44	208·14	208·54	208·59	207-44
4	207-44	211 · 94	209 · 94	209·24	207·84	207.59	207·14	207 · 44	208·19	208·54	208·49	207-34
5	207-44	212 · 29	209 · 84	209·24	207·84	207.59	207·14	207 · 44	208·29	208·54	208·34	207-34
6	207·44	212·49	209 · 64	209 · 24	207 · 84	207·59	207·14	207 · 44	208 · 29	208·49	208·24	207·34
	207·49	212·64	209 · 59	209 · 24	207 · 84	207·59	207·24	207 · 44	208 · 34	208·49	208·24	207·29
	207·54	212·74	209 · 54	209 · 19	207 · 84	207·59	207·24	207 · 44	208 · 49	208·44	208·19	207·24
	207·54	212·89	209 · 34	209 · 04	207 · 84	207·64	207·29	207 · 44	208 · 54	208·44	208·14	207·14
	207·54	213·09	209 · 14	208 · 94	207 · 84	207·64	207·34	207 · 44	208 · 54	208·44	208·14	207·09
11	207·54	213 · 09	209 · 04	208 · 89	207·79	207 · 64	207·34	207·44	208 · 54	208 · 44	208 · 14	207·04
	207·54	213 · 09	208 · 94	208 · 84	207·64	207 · 64	207·34	207·44	208 · 59	208 · 39	208 · 14	206·94
	207·54	212 · 99	208 · 94	208 · 84	207·59	207 · 64	207·34	207·44	208 · 49	208 · 29	208 · 14	206·89
	207·49	212 · 94	208 · 84	208 · 79	207·64	207 · 64	207·34	207·44	208 · 34	208 · 29	208 · 14	206·94
	207·44	212 · 64	208 · 69	208 · 64	207·64	207 · 64	207·39	207·44	208 · 29	208 · 24	208 · 19	206·94
16	207 · 44	212·34	208·54	208 · 54	207 · 64	207 · 64	207·39	207 · 54	208 · 24	208 · 24	208 · 19	206·99
	207 · 64	212·19	208·54	208 · 44	207 · 64	207 · 64	207·44	207 · 84	208 · 24	208 · 29	208 · 09	207·09
	207 · 94	211·99	208·54	208 · 44	207 · 59	207 · 64	207·49	207 · 54	208 · 24	208 · 24	207 · 84	207·14
	208 · 44	211·64	208·59	208 · 34	207 · 59	207 · 64	207·49	207 · 64	208 · 24	208 · 09	207 · 69	207·19
	209 · 04	211·39	208·74	208 · 24	207 · 54	207 · 64	207·54	208 · 04	208 · 19	207 · 94	207 · 54	207·24
21	209 · 24 209 · 64 209 · 74 209 · 74 209 · 64	211 · 24 211 · 14 210 · 94 210 · 64 210 · 64	208 · 74 208 · 84 208 · 94 208 · 94 209 · 04	208 · 14 208 · 14 208 · 14 208 · 04 208 · 04	207 · 54 207 · 49 207 · 49 207 · 44 207 · 44	207·59 207·59 207·54 207·54 207·54	207·59 207·59 207·64 207·64	208 · 24 208 · 19 208 · 24 208 · 54 208 · 59	208 · 19 208 · 19 208 · 19 208 · 49 208 · 54	208 · 04 208 · 19 208 · 24 208 · 29 208 · 24	207·44 207·39 207·34 207·44 207·59	207·24 207·29 207·39 207·44 207·44
26	209·79 210·04 210·44 210·84 211·24	210 · 54 210 · 54 210 · 54 210 · 44 210 · 44 210 · 34	209·04 209·14 209·14 209·14 209·14	207 · 94 207 · 94 207 · 94 207 · 84 207 · 84 207 · 94	207 · 44 207 · 44 207 · 44 207 · 44 207 · 44 207 · 49	207 · 44 207 · 44 207 · 39 207 · 34 207 · 34	207-64 207-59 207-54 207-54 207-49 207-44	208-44 208-24 208-09 208-09 208-09	208 · 64 208 · 74 208 · 54 208 · 54 208 · 54 208 · 54	208 · 24 208 · 24 208 · 34 208 · 39 208 · 44 208 · 44	207·74 207·74 207·69	207 · 49 207 · 49 207 · 29 207 · 14 207 · 14 207 · 14

Elevations above M.S.L. of Ottawa River at Gatineau Point, for 1906.

ABLE No. 286.

				TABLE No. 286.
1	137·11 136 137·28 138·53 136	133·70 7·03 133·78 6·78 133·78 135·78 6·53 133·86 135·86 6·28 136·03	137 · 32 135 · 61 137 · 36 135 · 53 137 · 28	8
6	138-28 138-20 135 138-28 138-70 138-53 139-70 135	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	137·20 135·03 137·14 135·03	
11	139·53 139·28 139 139·20 134 140·28 139·20 133	4·78 134·20 136·45 4·53 136·49 4·03 134·28 136·53 3·78 134·36 136·61 134·36 136·66	137·14 134·86 137·03 134·82 134·78	
16	140 · 53 133 140 · 53 139 · 03 132 140 · 61 138 · 78 132	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	136-86 136-82 136-70 134-61	
21. 22. 23. 135·53 24. 136·28 25. 136·53	140 · 28 138 · 45	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	136·53 134·49 136·45 134·36	
26 136·78 27 136·78 28 136·78 29 30 136·78 31	139·86 138·78 133 139·78 138·53 139·70 138·45 133	3·28 137·20 3·45 135·28 137·20 3·53 135·28 137·28 135·41 137·32 3·61 135·45	136·11 134·20 134·11 136·28 134·03 136·11 133·86	

6 GEORGE V, A. 1916
ELEVATIONS above M.S.L. of Ottawa River at East Templeton Lighthouse,
for 1905-06.

TABLE No. 287. April. May. Aug. Oct. Nov. Dec. Jan. Feb. March. Day. June July. Sept. $131 \cdot 96$ $131 \cdot 76$ $131 \cdot 36$ 130.66 132-46 .136-16 131.76135 · 86 135 · 56 129 · 06 128 · 96 130 · 66 130 · 76 132 · 46 132 · 36 132 · 36 130 - 66 $128 \cdot 16$ $130 \cdot 56$ $128 \cdot 16$ 130·86 130·76 135 - 46 131.36 128-16 128-96 131-66 131 - 16 128 - 86 131 - 36 135-06 131-06 130 - 56 128 - 16 $128 \cdot 76$ 130 - 66 132 - 36 131-26 130·56 130·56 130·66 130·76 130·66 134 · 96 134 · 76 134 · 66 132·26 132·26 130 - 86 130 - 46 128 - 16 128 - 46 131 - 16 7. 8. 134·86 128·36 128·56 130.66 139.36 128 - 16 131.06 132 ⋅ 2€ 130.36 $130 \cdot 16$ 128.06 131.06 129 - 76 135-86 134.66 130 - 26 128-16 128-86 $132 \cdot 26$ 131 - 16 136 · 36 $134 \cdot 56$ 130.36 129.66 128-16 120.06 132.06 130.96 130·16 130·16 130·16 130·06 129·26 130·16 129·26 12.....13..... $134 \cdot 46$ $134 \cdot 46$ 120.56 129.56 129.46 $128 \cdot 16$ $128 \cdot 96$ $128 \cdot 86$ 131.96 131.76130.86 130.76137 · 16 137 · 16 130 - 56 128 - 16 129.06 131 - 36 14..... 130 - 66 15..... $134 \cdot 26$ 129.66 128-26 $129 \cdot 16$ 131-16 130 - 66 16 17 18 137.36 $134 \cdot 26$ i30.66 129.56 128.36 129.26 137 · 26 137 · 46 137 · 46 137 · 56 $134 \cdot 26$ 129 - 26 134 · 26 134 · 16 130 · 56 130 · 66 129 · 36 129 · 26 $128 \cdot 56$ 129 · 26 129 · 36 129·36 129·36 130 · 76 130 · 76 130.56 128 - 66 130 - 46 134 - 16 130 - 66 129 - 16 128 - 96 129 - 36 129.76 129.36 130 - 66 130 - 46 20..... 137.56 137.76 137.66 137.66130.56 129.36 133.96 129-16 129 - 16 129.46 129.46 130 - 66 130 - 26 21 22 23. 129·56 129·76 129.56 130 · 76 130 · 76 133.96 $130 \cdot 66$ $128 \cdot 96$ 129.36 130 · 36 130 · 36 133 - 16 130 - 56 128-96 129.36 130 - 46 129 - 26 130 - 16 130 - 86 129 - 46 128 - 86 $137 \cdot 46$ $133 \cdot 26$ $130 \cdot 36$ $129 \cdot 96$ $131 \cdot 36$ 130.06 130 - 36 26. 27. 28. $137 \cdot 16$ 132 · 96 132 · 76 132 · 36 130 - 36 128 - 76 129-26 130 · 06 130 · 26 131-96 131 - 36 130 - 36 132 · 66 131 · 66 132 · 56 136 - 46 $130 \cdot 36$ $128 \cdot 66$ $128 \cdot 56$ 129-16 131 - 66 130 - 36 129-46 136-36 129 - 16 130 - 36 29 30 130 - 46 130 - 36 132 - 26 129-16 136-16 130.56 128-26 132 · 46 130-46

ELEVATIONS above M.S.L. of Ottawa River at East Templeton Lighthouse, for 1906.

TABLE No. 288			.906.	tor 1					-
8·36 128·26 8·36 128·36 8·66 128·36	128 · 36 1: 128 · 36 1: 128 · 66 1:	$\begin{array}{c} 128 \cdot 56 \\ 128 \cdot 66 \\ 128 \cdot 56 \\ 128 \cdot 66 \\ 128 \cdot 76 \end{array}$	128-96 128-76 128-66 128-36 128-26	$\begin{array}{c} 130 \cdot 56 \\ 130 \cdot 46 \\ 130 \cdot 36 \\ 130 \cdot 26 \\ 130 \cdot 16 \end{array}$	$\begin{array}{c} 135 \cdot 96 \\ 135 \cdot 86 \\ 135 \cdot 56 \\ 135 \cdot 36 \\ 135 \cdot 16 \end{array}$	137 · 86 137 · 76 137 · 66 137 · 26 137 · 16	135 · 86 135 · 86 136 · 16 136 · 36 136 · 56	130 · 46 130 · 56 130 · 56 130 · 56 130 · 66	1
8·46 128·46 8·46 128·36 8·36 128·16	128 · 46 13 128 · 46 13 128 · 36 13	$\begin{array}{c} 128 \cdot 76 \\ 128 \cdot 66 \\ 128 \cdot 36 \\ 128 \cdot 36 \\ 128 \cdot 26 \end{array}$	128 · 16 128 · 16 128 · 16 128 · 21 128 · 06	$\begin{array}{c} 130\cdot 16 \\ 130\cdot 16 \\ 130\cdot 16 \\ 130\cdot 06 \\ 130\cdot 06 \end{array}$	134 · 96 134 · 76 134 · 36 134 · 16 133 · 96	137 · 16 137 · 86 137 · 96 135 · 46 138 · 06	136 · 76 136 · 86 137 · 06 137 · 06 137 · 46	130 · 76 130 · 76 130 · 76 130 · 86 130 · 86	6. 7. 8. 9.
8·16 128·26 8·16 128·16 8·16 128·26	128 · 16 13 128 · 16 13 128 · 16 13	$\begin{array}{c} 128 \cdot 26 \\ 128 \cdot 16 \\ 128 \cdot 16 \\ 128 \cdot 26 \\ 128 \cdot 26 \end{array}$	128.06 128.06 128.06 128.06 128.06	$\begin{array}{c} 129 \cdot 96 \\ 129 \cdot 96 \\ 129 \cdot 86 \\ 129 \cdot 76 \\ 129 \cdot 76 \end{array}$	$\begin{array}{c} 133 \cdot 76 \\ 133 \cdot 66 \\ 133 \cdot 46 \\ 133 \cdot 16 \\ 132 \cdot 96 \end{array}$	137.96 137.86 137.86 137.86 137.86	138 · 06 138 · 36 138 · 36 138 · 56 138 · 76	131-06 131-06 131-36 131-66 131-76	11
8·06 128·36 8·16 128·46 8·26 128·46	128 · 06 13 128 · 16 13 128 · 26 13	128 · 26 128 · 16 128 · 06 128 · 56 128 · 46	128 · 06 128 · 06 128 · 06 128 · 01 128 · 01	$\begin{array}{c} 129 \cdot 76 \\ 129 \cdot 66 \\ 129 \cdot 66 \\ 129 \cdot 56 \\ 129 \cdot 46 \end{array}$	$\begin{array}{c} 132 \cdot 56 \\ 132 \cdot 36 \\ 132 \cdot 16 \\ 131 \cdot 96 \\ 131 \cdot 76 \end{array}$	137.76 137.66 137.66 137.56 137.36	138 · 86 138 · 96 139 · 06 139 · 16 139 · 16	131-86 132-26 132-46 132-66 133-16	16. 17. 18. 19.
8·16 128·36 8·06 128·36 8·06 128·46	128 · 16 13 128 · 06 13 128 · 06 13	128-36 128-26 128-16 128-06 128-06	128-01 128-01 128-06 128-16 128-26	$\begin{array}{c} 129 \cdot 46 \\ 129 \cdot 46 \\ 129 \cdot 36 \\ 129 \cdot 36 \\ 129 \cdot 26 \end{array}$	131 · 76 131 · 46 131 · 36 131 · 26 131 · 06	137 · 26 137 · 16 137 · 06 136 · 96 136 · 86	139.06 139.06 139.06 138.96 138.86	$133 \cdot 46$ $133 \cdot 96$ $134 \cdot 46$ $135 \cdot 16$ $135 \cdot 36$	21. 22. 23. 24. 25.
8·26 128·46	128 · 26 13 128 · 26 13 128 · 16 13 128 · 16 13	128-06 128-06 128-16 128-16 128-26 128-26	128-36 128-46 128-56 128-56 128-56	129·36 129·26 129·16 129·06 129·06 128·96	131.06 130.96 130.86 130.76 130.66	136.86 136.76 136.56 136.46 136.36	138 · 76 138 · 66 138 · 56 138 · 46 138 · 26 138 · 06		26. 27. 28. 29. 30.

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at East Templeton Wharf, for 1906.

							-			1	TABLE	No. 289
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 1 5		135 · S6 135 · 95 136 · 11 136 · 32 136 · 57	137 · 91 137 · 70 137 · 41 137 · 03 136 · 95									
6		136 · 81 137 · 01 137 · 31 137 · 61 137 · 91	$137 \cdot 41$ $137 \cdot 99$ $138 \cdot 41$ $138 \cdot 41$ $138 \cdot 24$									
11		138 · 11 138 · 51 138 · 91 138 · 91 138 · 91	138·03 138·03 137·99 137·99 137·99									
16		139-11 139-11 139-11 139-11 138-91	137 · 91 137 · 87 137 · 74 137 · 62 137 · 49									
21		139 · 21 139 · 21 139 · 16 139 · 11 139 · 01	137 · 28 137 · 16 137 · 08 137 · 08 136 · 91									
26	135 · 61 135 · 81 135 · 81 135 · 83 135 · 83	138 · 91 138 · 83 138 · 66 138 · 41 138 · 28 137 · 99	136-83 136-66 136-49 136-41 136-24									

Elevations above M.S.L. of Lièvre River at Poupore, above lock, for 1910–11.

				101 18	10-11				TA	BLE No	290.
1	438-00 438-40 438-60 438-90 439-10	439·50 436 439·50 436 439·50 436 439·40 436 439·40 436	50 435·70 60 435·60 70 435·50	434 · 40 434 · 40 434 · 40 434 · 50 434 · 50	434 · 90 434 · 90 434 · 80 434 · 80 434 · 80	435 · 20 435 · 20 435 · 20 435 · 10 435 · 10		344 · 40 434 · 40 434 · 50 434 · 50 434 · 50	434 · 20 434 · 20 434 · 20 434 · 20 434 · 20	433 · 80 433 · 80 433 · 80 433 · 80 433 · 80	433·70 433·70 433·70 433·70 433·70
6	439 · 20 439 · 40 439 · 50 439 · 50 439 · 80	439·30 437 439·20 437 439·00 437 438·80 437 438·60 437	20 435·30 40 435·30 40 435·20	434 · 60 434 · 60 434 · 60 434 · 70 434 · 80	434·80 434·80 434·70 434·70 434·60	435·10 435·00 435·50 435·70	435·10 435·10 435·10	$\begin{array}{c} 434 \cdot 50 \\ 434 \cdot 50 \\ 434 \cdot 50 \\ 434 \cdot 50 \\ 434 \cdot 50 \end{array}$	$\begin{array}{c} 434 \cdot 20 \\ 434 \cdot 20 \\ 434 \cdot 30 \\ 434 \cdot 30 \\ 434 \cdot 30 \end{array}$	433 · 80 433 · 80 433 · 80 433 · 80 433 · 80	433 · 70 433 · 70 433 · 60 433 · 60 433 · 60
11 12 13 14 15	$\begin{array}{c} 439 \cdot 80 \\ 439 \cdot 70 \\ 439 \cdot 60 \\ 439 \cdot 40 \\ 439 \cdot 10 \end{array}$	438·50 437 438·40 437 438·20 437 438·20 437 438·00 437	50 435·10 40 435·00 30 434·90	434 · 80 434 · 80 434 · 80 434 · 80 434 · 80	434·70 434·80 434·80 43±·70 431·70	436·10 436·00 436·00 436·00 435·90	435.00 435.00 434.90 434.90 434.80	434 · 40 434 · 40 434 · 40 434 · 40 434 · 40	$\begin{array}{c} 434 \cdot 30 \\ 434 \cdot 20 \\ 434 \cdot 20 \\ 434 \cdot 20 \\ 434 \cdot 20 \end{array}$	$\begin{array}{c} 433\cdot 80 \\ 433\cdot 80 \\ 433\cdot 80 \\ 433\cdot 70 \\ 433\cdot 70 \end{array}$	433 · 60 433 · 60 433 · 60 433 · 60 433 · 60
16	438-80 438-60 438-40 438-40 438-40	437·80 437· 437·70 437· 437·50 437· 437·30 436· 437·10 436·	10 434·80 00 434·80 90 434·80	434 · 80 434 · 70 434 · 60 434 · 70 434 · 70		$\begin{array}{c} 436 \cdot 10 \\ 435 \cdot 90 \\ 435 \cdot 70 \\ 435 \cdot 60 \\ 435 \cdot 55 \end{array}$	$\begin{array}{c} 434 \cdot 80 \\ 434 \cdot 70 \\ 434 \cdot 70 \\ 434 \cdot 60 \\ 434 \cdot 60 \end{array}$	434 · 40 434 · 40 434 · 30 434 · 30 434 · 30	$\begin{array}{c} 434 \cdot 20 \\ 434 \cdot 20 \\ 434 \cdot 20 \\ 434 \cdot 10 \\ 434 \cdot 10 \end{array}$	433 · 70 433 · 70 433 · 70 433 · 70 433 · 70	$\begin{array}{c} 433 \cdot 50 \\ 433 \cdot 50 \\ 433 \cdot 50 \\ 433 \cdot 50 \\ 433 \cdot 50 \end{array}$
21 22 23 24 25	438 · 50 438 · 70 438 · 90 439 · 10 439 · 30	437 · 00 436 · 436 · 90 436 · 436 · 70 436 · 436 · 60 436 · 60	50 434 · 60 50 434 · 60 40 434 · 60	434 · 90 435 · 00	435-40	$\begin{array}{c} 435 \cdot 50 \\ 435 \cdot 50 \\ 435 \cdot 50 \\ 435 \cdot 48 \\ 435 \cdot 40 \end{array}$	$\begin{array}{c} 434 \cdot 50 \\ 434 \cdot 50 \\ 434 \cdot 50 \\ 434 \cdot 50 \\ 434 \cdot 50 \end{array}$	$\begin{array}{c} 434 \cdot 30 \\ 434 \cdot 20 \\ 434 \cdot 20 \\ 434 \cdot 20 \\ 434 \cdot 20 \end{array}$	$\begin{array}{c} 434\cdot 10 \\ 434\cdot 10 \\ 434\cdot 10 \\ 434\cdot 00 \\ 433\cdot 90 \end{array}$	433 · 70 433 · 70 433 · 70 433 · 70 433 · 70	$\begin{array}{c} 433 \cdot 50 \\ 433 \cdot 50 \\ 433 \cdot 50 \\ 433 \cdot 50 \\ 433 \cdot 50 \end{array}$
26	439·50 439·60 439·60 439·60 439·50	436·40 436 436·30 436 436·30 436 436·20 435 436·20 435 436·30	10 434 · 40 00 434 · 40 90 434 · 40 80 434 · 40	435 · 10 435 · 00 435 · 00 435 · 00		435 · 40 435 · 40 435 · 32 435 · 28	434 · 50 434 · 50 434 · 40 434 · 40 434 · 40	$\begin{array}{c} 434 \cdot 20 \\ 434 \cdot 20 \end{array}$	433.80	433·70 433·70 433·70	433 · 50 433 · 50 433 · 60 433 · 60 433 · 60 433 · 60

31.....

6 GEORGE V. A. 1916

Elevations above M.S.L. of Lièvre River at Poupore, above lock, for 1911–12.

TABLE No. 291. July. Sept. Oct. Nov. Dec. Jan. Feb. March. April. May. June Aug. Day. 436 · 20 436 · 10 434.00 435-20 435.40 434-20 433-60 439.90 438.50 434-60 434.80 438 · 40 438 · 20 434·60 434·50 434 · 70 434 · 70 434 · 70 435 · 20 435 · 20 435 · 20 435 · 10 437 · 80 434 · 20 434 · 20 434 · 20 433.60 440.30 434.00 434.00 433-90 433 · 60 433 · 70 433 · 70 440 · 50 440 · 70 440 · 90 436.00 435.90 434.00 433.00 434 - 50 434 - 10 434.00 435 - 20 $438 \cdot 20$ 438-20 435.80 434.50 434.60 434-10 434.00 435.20 434.80 $434 \cdot 20$ 433.80 5..... 438·20 438·10 437·90 437·60 434.30 434·20 434·20 434 - 40 434 - 60 434.00 435 - 20 $434 \cdot 70$ 433.80 433.80 441.00 435.70 434.50 $434 \cdot 00$ $434 \cdot 10$ $434 \cdot 20$ 440.90 435.60 434 - 40 $434 \cdot 20$ 435-10 434.60 440 - 80 434 - 40 434.40 434-20 434.20 435 - 10 $434 \cdot 50$ 440.50 435.40 $434 \cdot 60$ $434 \cdot 40$ 434 · 10 434 · 10 434 · 20 434 · 20 435.00 435.00 434·40 434·40 434 · 20 434 · 20 437 - 40 434-90 434 - 40 434-40 440.30 435-40 434.50 440.00 437.20 434.40 434 - 10 $434 \cdot 20$ 435-10 434.30 $434 \cdot 20$ 433.70 439 · 80 439 · 50 437 · 20 437 · 60 437 · 60 435 · 20 435 · 10 435 · 00 435·50 435·70 435·80 $434 \cdot 60$ 434·10 434·10 434 - 30 435.50 435.60 434 · 30 434 · 30 434·20 434·20 433·70 433·70 433·70 434 - 40 434·80 435·00 439 - 70 434 - 10 14..... 435-60 439.30 437.70 435.00 434 - 10 $434 \cdot 70$ 435.90 434.30 434-20 15..... 434-30 434.80 435.90 434 - 30 434 - 20 439 - 10 437.90 435.00 435-80 434-10 433.70 436-00 438 · 90 438 · 70 438 · 50 435 · 70 435 · 70 434 - 10 434 · 40 434 · 40 434 · 40 436 · 20 436 · 20 434-90 434.30 438 - 00 434 · 10 434 · 10 434.90 434 - 20 435.00 434.90 436-10 433.60 436-30 438.00 434-90 435-60 $434 \cdot 10$ 434-10 434 - 10 434.90 435.80 20..... 436-50 $438 \cdot 20$ $434 \cdot 80$ 434 - 30 436·70 437·00 437·20 437·30 434 - 30 435-50 435-60 434.00 $437 \cdot 70$ 434-80 434-10 434.00 434.80 22 23 24 437 · 80 437 · 60 437·40 437·40 437·40 434 · 90 434 · 90 435 · 40 435 · 30 435 · 30 434 · CO 434.00 434·80 434·80 435·40 435·30 434.30 433 - 50 434-00 434.00 434 - 30 434.00 434-90 437.60 438 - 20 434 - 90 435-20 434.00 434.00 434.90 434.20 437.00 437.90 438-40 434-90 438 · 70 438 · 70 438 · 70 438 · 70 435·20 435·20 435·30 436·60 437·00 434.00 435·00 435·00 435·10 438 - 20 436-80 434.80 433 · 90 433 · 90 438-90 436 - 60 434.80 435.00 434·00 434·00 $434 \cdot 20$ 433.50 434 · 80 434 · 70 434 · 70 439 - 10 436 - 50 435.00 434.80 434.00 435.10 434.20 439-40 436 - 40 434.00 438-60 435-50

Elevations above M.S.L. of Lièvre River at Poupore, above lock, for 1912-13.

									TA	BLE No	. 292.
1	433 · 40 433 · 40 433 · 30 433 · 30 433 · 30	440.60 440.50 440.40 440.30	436-00	434·70 434·60 434·50 434·50 434·40	435·10 435·10 435·10 435·10 435·00	435·10 435·10 435·10 435·00 435·00	437·20 437·20 437·20 437·10 437·00	$\begin{array}{c} 436 \cdot 10 \\ 436 \cdot 00 \\ 436 \cdot 10 \\ 436 \cdot 00 \\ 436 \cdot 20 \end{array}$	435·40 435·50 435·50 435·50 435·40	435·20 435·20 435·10 435·10 435·10	434 · 60 434 · 60 434 · 60 434 · 60 434 · 50
6	433 · 30 433 · 60 434 · 50 434 · 80 434 · 90	439·80 439·60 439·60 439·50 439·50 439·60 439·60 439·10	435.80 435.70 435.70	434 · 40 434 · 30 434 · 20 434 · 10 434 · 20	$\begin{array}{c} 435 \cdot 00 \\ 435 \cdot 10 \\ 435 \cdot 10 \\ 435 \cdot 10 \\ 435 \cdot 00 \end{array}$	434 · 90 434 · 90 434 · 90 434 · 80 434 · 80	437·10 437·50 437·90 438·20 438·30	436·50 436·70 436·90 436·80 436·70	$\begin{array}{c} 435 \cdot 40 \\ 435 \cdot 40 \\ 435 \cdot 25 \\ 435 \cdot 10 \\ 435 \cdot 10 \end{array}$	435.00 435.00 434.90 434.90 434.90	434·50 434·40 434·30 434·30 434·40
11	435·30 435·50 436·30 435·80 436·20	439·40 438·86 439·40 438·66 439·60 438·56 440·00 438·44 440·30 438·20	435 · 40 435 · 40 435 · 50	434 · 40 434 · 80 435 · 10 435 · 35 435 · 50	435·20 435·10 435·10 435·00 435·00	434 · 80 434 · 80 434 · 80 434 · 70 434 · 70	438 · 40 438 · 50 438 · 40 438 · 30 438 · 10	436 · 55 436 · 40 436 · 30 436 · 20 436 · 20	435·20 435·10 435·00 435·00 435·00	434 · 80 434 · 80 434 · 80 434 · 80 434 · 80	434 · 50 434 · 50 434 · 60 434 · 60 434 · 60
16	436 · 80 437 · 60 438 · 00 438 · 40 438 · 50	440.60 428.00 441.00 437.90 441.50 437.80 441.60 437.70 441.70 437.80	435·50 435·40 435·40 435·40	435·40 435·30 435·20 435·20	435.00 434.90 434.90 434.80 434.90	434 · 70 434 · 60 434 · 60 434 · 75 434 · 85	437 · 90 437 · 70 437 · 50 437 · 40 437 · 20	436·10 436·10 436·10 436·10 436·00	435 · 10 435 · 20 435 · 40 435 · 40 435 · 30	434 · 80 434 · 70 434 · 70 434 · 70 434 · 70	434·70 434·70 434·70 434·90 435·20
21	438 · 80 439 · 20 439 · 90 440 · 50 440 · 50	441·40 437·80 441·00 437·70 440·60 437·50 440·50 437·40 440·50 437·10	435·30 435·20 435·10	435·00 434·90 434·80 434·75 435·00	434 · 90 434 · 80 434 · 80 434 · 90 435 · 00	435.00 435.00 435.30 435.65 436.00	437.00 437.00 436.90 436.80 436.70	435 · 90 435 · 90 435 · 80 435 · 70 435 · 70	435 · 40 435 · 40 435 · 40 435 · 40 435 · 40	434 · 60 434 · 60 434 · 60 434 · 60 434 · 60	435-70 436-80 437-00 437-30 438-40
26	440 · 60 440 · 80 440 · 80 440 · 70 440 · 70	440·40 437·00 440·40 436·80 440·60 436·80 440·90	434·90 434·80 434·80 434·80	435·10 435·20 435·20 435·20 435·10	435·10 435·10 435·10 435·10 435·10	436.40 436.70 436.90 437.10 437.20 437.30	436 · 70 436 · 60 436 · 50 436 · 40 436 · 30	435 · 60 435 · 60 435 · 50 435 · 40 435 · 40 435 · 40		434·60 434·60 434·60	438·40 438·40 438·70 438·80 438·70 438·70

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Lièvre River at Poupore, above lock, for 1913-14.

										TA	BLE N	o. 293.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	438 · 90 438 · 90 438 · 90 439 · 00 438 · 80	441·40 441·70 441·70 441·60 441·40	436 · 90 436 · 70 436 · 80 436 · 70 436 · 60	434 · 80 434 · 80 434 · 80 434 · 80 434 · 70	434 · 40 434 · 30 434 · 50 434 · 50 434 · 50	434 · 10 434 · 10 434 · 10 434 · 20 434 · 10	434 · 40 434 · 40 434 · 40 434 · 40 434 · 30	437 · 60 437 · 50 437 · 40 437 · 25 437 · 05	436 · 85 436 · 65 436 · 55 436 · 50 436 · 50	434 · 65 434 · 60 434 · 60 434 · 50 434 · 50	434·30 434·30 434·30 434·30 434·40	434·10 434·10 434·20 434·20 434·10
6	438-80 438-70 438-60 438-60 438-60	441 · 20 440 · 90 440 · 70 440 · 60 440 · 30	436·60 436·60 436·60 436·50 436·40	434·70 434·70 434·50 434·50 434·50	$\begin{array}{c} 434\cdot 30 \\ 434\cdot 20 \\ 434\cdot 10 \\ 434\cdot 10 \\ 434\cdot 10 \end{array}$	434 · 10 434 · 10 434 · 10 434 · 00 433 · 90	434 · 20 434 · 20 434 · 20 434 · 10 434 · 10	436.85 436.75 436.65 436.65 436.90	$\begin{array}{c} 436 \cdot 40 \\ 436 \cdot 40 \\ 436 \cdot 35 \\ 436 \cdot 15 \\ 435 \cdot 95 \end{array}$	434 · 50 434 · 50 434 · 50 434 · 50 434 · 50	434 · 40 434 · 40 434 · 40 434 · 40 434 · 30	433 · 95 433 · 85 433 · 80 433 · 80 433 · 80
11	438 · 40 438 · 50 438 · 60 438 · 60 438 · 70	440 · 00 439 · 70 439 · 40 439 · 10 438 · 90	$\begin{array}{c} 436 \cdot 30 \\ 436 \cdot 20 \\ 436 \cdot 20 \\ 436 \cdot 10 \\ 435 \cdot 80 \end{array}$	434 · 50 434 · 40 434 · 50 434 · 60 434 · 70	434·10 434·20 434·10 434·00 433·90	432 · 80 433 · 80 433 · 80 433 · 80 433 · 80	434·30 434·30 434·20 434·30 434·40	437.05 437.15 437.30 437.40 437.40	$\begin{array}{c} 435 \cdot 70 \\ 435 \cdot 35 \\ 435 \cdot 20 \\ 435 \cdot 20 \\ 435 \cdot 20 \end{array}$	434 · 40 434 · 50 434 · 40 434 · 40 434 · 40	434 · 30 434 · 20 434 · 10 434 · 10 434 · 10	433 · 80 433 · 80 433 · 80 433 · 80 433 · 80
16	439.00 439.50 440.00 440.40 440.50	438 · 60 438 · 40 438 · 20 437 · 80 437 · 60	435 · 80 435 · 60 435 · 70 435 · 60 435 · 50	$\begin{array}{c} 434 \cdot 70 \\ 434 \cdot 80 \\ 434 \cdot 90 \\ 435 \cdot 10 \\ 435 \cdot 10 \end{array}$	433.80 433.60 433.70 433.70 433.70	433 · 80 433 · 70 433 · 60 433 · 80 433 · 80	434 · 55 434 · 75 434 · 80 434 · 80 434 · 90	437 · 25 437 · 00 436 · 80 436 · 80 436 · 80	435 · 30 435 · 40 435 · 40 435 · 35 435 · 30	434 · 40 434 · 40 434 · 30 434 · 30 434 · 30	434·10 433·90 434·10 434·10 434·20	433-90 433-95 434-15 434-20 434-30
21	440 · 50 440 · 40 440 · 30 440 · 10 440 · 10	437·40 437·40 437·40 437·10 437·00	435·50 435·50 435·40 435·40 435·30	435 · 00 434 · 90 434 · 80 434 · 80 434 · 70	$\begin{array}{r} \cdot 433 \cdot 60 \\ \cdot 433 \cdot 60 \\ \cdot 433 \cdot 70 \\ \cdot 433 \cdot 80 \\ \cdot 433 \cdot 70 \end{array}$	433 · 70 434 · 00 434 · 20 434 · 30 434 · 30	435.05 435.25 435.50 436.00 436.85	436 · 65 436 · 45 436 · 60 436 · 50 436 · 60	435·30 435·15 435·10 434·95 434·85	434·30 434·35 434·30 434·30	434 · 20 434 · 20 434 · 20 434 · 15 434 · 10	434.00 434.00 433.90 433.90 433.90
26	440 · 10 440 · 10 440 · 60 440 · 80 441 · 10	436.90 436.90 437.10 437.30 437.20 436.90	435·20 435·10 434·90 434·90 434·80	434·70 434·60 434·50 434·50 434·50 434·40	433·70 433·80 433·90 433·90 433·90	434·40 434·40 434·40 434·40	437 · 30 437 · 65 437 · 80 437 · 80 437 · 80 437 · 70	436.60 436.85 437.05 437.00 437.00	435·15 435·15 435·20 435·05 434·85 434·65		434·10 434·10 434·10	433 · 90 434 · 05 434 · 15 434 · 20 434 · 25 434 · 30

Elevations above M.S.L. of Lèivre River at Poupore, above lock, for 1914-15.

TABLE No. 294. 437.50 437.50 437.50 437.40434 - 40 433 - 80 433.70 434-40 434 - 10 435 · 15 435 · 40 434.50 435 · 80 435 · 80 435·30 435·30 435·30 434·30 434·20 434·20 433.90 433 · 60 433 · 60 434 · 70 434 · 70 434 · 80 434 - 40 434-20 434 - 10 434 · 60 434 · 60 433.90 434·30 434·30 434 · 20 434 · 15 433.75 433.60 435 - 60 $434 \cdot 10$ 437.40 434 - 10 433.80 433-60 434.70 435-60 434-30 434 - 10 434-60 435.70 $435 \cdot 20 \\ 435 \cdot 20 \\ 435 \cdot 05$ 433-90 433.95 433-60 434.70 435-60 434 - 40 434 · 65 434 · 70 437 · 60 437 · 70 437 · 70 435.50 435 · 60 435 · 75 434 · 50 434 · 60 433.90 434.05 433-60 434.80 435.40 434 - 10 433 - 60 434 - 80 434.70 435·40 435·40 433.80 433-60 434 - 90 434 - 55 433.80 433.75 434 - 90 435-60 $434 \cdot 20$ 433 - 95 434.35 437.70 435.30 434-80 433.80 434.30 434 - 90 435-45 434 - 55 437 · 65 437 · 55 437 · 40 434 · 40 434 · 30 $435 \cdot 30$ $435 \cdot 20$ $435 \cdot 10$ 434 · 80 434 · 70 433·70 433·70 434·30 434·30 434 · 10 434 · 10 434.90 435.00 435 · 40 435 · 25 434 · 60 434 · 60 433-90 434 - 90 $434 \cdot 20$ 435.00 434 - 90 434.45 434 - 20 435.00 435.00 434 - 50 433-80 434 · 50 434 · 70 435 · 20 434 - 20 435.00 435.00 434.50 433-90 436 - 65 434.50 433.80 434 · 25 434 · 15 434 · 20 434 · 30 434·80 434·75 434 - 60 433-90 433 - 90 436 60 435 - 60 436 - 55 434.40 434.05 434 - 65 436 · 20 436 · 55 434 - 30 434 - 60 434 - 50 436-45 434-90 434-40 434-10 434-00 433.00 433.80 22 23 434 · 10 434 · 29 435 · 25 435 · 25 436 - 40 434 - 90 434.00 434 - 20 434-60 434 - 45 433-80 436-40 434-90 434·55 434·50 436 · 60 436 · 75 436 - 40 434 · 90 435 · 00 433·70 433·70 $434 \cdot 50$ $435 \cdot 20$ $435 \cdot 20$ 434 - 40 436.05 434 - 60 434 - 45 434-40 436-95 437-20 437-35 437-50 434·50 434·50 434-40 434-05 433-80 435-20 434 - 45 435 - 10 436.05 435 · 20 435 · 20 434·50 434·50 433 · 90 433 · 80 434·30 434·20 434 - 30 434 - 40 434-60 435·90 435·30 435·90 435·30 435·85 434 - 10 434 · 40 434 · 50 434 - 20 433 · 95 433 · 8 433 · 85 437-60 434 · 20 434 · 20 435-30 434 - 40 433 - 80 435-10 434 - 00 434.50 434 - 40

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Lièvre River at Poupore, below lock, for 1909-10.

TABLE No. 295

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
										425 · 40 425 · 30	425 · 90 · 425 · 90	424 - 90
2										425 - 30	425 - 90	424 - 90
										425-10	425 - 90	424 - 90
										425.00	425 - 90	424 - 90
										450.00	120 00	101 00
3										425.00	$425 \cdot 90$	424 - 90
										425.00	426 - 10	424 - 9
3										425.00	$426 \cdot 30$	424 - 7
										425.00	426.40	424 - 5
)										425.00	426.40	425 - 4
										101.00	426 - 20	425 - 4
										424 · 90 424 · 90	426 - 20	425 - 4
									426 - 20	424 - 90	426.20	425 - 4
										424.90	426-10	425-4
									426 - 20	424 90	425 - 90	425.3
5									450.20	424.30	450.00	120 0
3									426 - 20	424 - 90	425.70	425 - 2
									426-10	424 - 90	425.70	425 - 2
									426 - 10	424 - 90	425.50	425-2
)									426 - 10	424 - 90	425 - 40	425 - 2
)									426 - 10	424 - 90	$425 \cdot 40$	426.2
									426 - 10	$425 \cdot 20$	425.30	426 - 4
2									426 - 10	425.90	425 - 20	426-6
									426 - 10	425.90	425 20	426 - 9
									426 · 00 426 · 00	426·00 426·00	425·10 424·90	427 - 9
									426.00	426.00	424.90	427.9
									426-00	426.00	424.90	428-0
									425.90	426.00	424 - 90	428-2
									425.90	426.00	424 - 90	
									425 - 70			429-0
									425 - 60			429-2
									425.40			430 - 0

ELEVATIONS above M.S.L. of Lièvre River at Poupore, below lock, for 1910-11.

										T	ABLE :	No. 296 .
1 2 3 4 5	431·30 432·00 432·40 432·90 433·10	434·00 433·90 433·90 433·80 433·80	428·10 428·30 428·50 428·70 429·00	426·70 426·60 426·60 426·30 426·10	435 · 30 425 · 40 425 · 40 435 · 50 425 · 50	$\begin{array}{c} 426 \cdot 30 \\ 426 \cdot 30 \\ 426 \cdot 20 \\ 426 \cdot 10 \\ 426 \cdot 10 \end{array}$	426 · 20 426 · 30		$\begin{array}{c} 425 \cdot 70 \\ 425 \cdot 80 \\ 425 \cdot 90 \\ 425 \cdot 90 \\ 425 \cdot 90 \end{array}$	$\begin{array}{c} 425 \cdot 50 \\ 425 \cdot 50 \end{array}$	$\begin{array}{c} 425 \cdot 30 \\ 425 \cdot 30 \\ 425 \cdot 30 \\ 425 \cdot 30 \\ 425 \cdot 30 \end{array}$	425 · 20 425 · 20 425 · 20 425 · 20 425 · 20 425 · 20
6	433·30 433·50 433·70 433·80 434·30	$\begin{array}{c} 433 \cdot 50 \\ 433 \cdot 40 \\ 433 \cdot 00 \\ 432 \cdot 70 \\ 432 \cdot 40 \end{array}$	$\begin{array}{c} 429 \cdot 40 \\ 429 \cdot 60 \\ 429 \cdot 60 \\ 429 \cdot 70 \\ 429 \cdot 70 \end{array}$	$\begin{array}{c} 426\cdot00 \\ 425\cdot90 \\ 425\cdot90 \\ 425\cdot80 \\ 425\cdot60 \end{array}$	$\begin{array}{c} 425 \cdot 60 \\ 425 \cdot 60 \\ 425 \cdot 60 \\ 425 \cdot 60 \\ 425 \cdot 80 \end{array}$	$\begin{array}{c} 426\cdot00 \\ 426\cdot00 \\ 425\cdot90 \\ 425\cdot90 \\ 425\cdot80 \end{array}$	$\begin{array}{c} 427 \cdot 40 \\ 427 \cdot 70 \\ 427 \cdot 80 \\ 427 \cdot 90 \\ 428 \cdot 10 \end{array}$	426 · 50 426 · 50 426 · 50	$\begin{array}{c} 425 \cdot 90 \\ 435 \cdot 90 \end{array}$	$\begin{array}{c} 425 \cdot 50 \\ 425 \cdot 50 \\ 425 \cdot 60 \\ 425 \cdot 70 \\ 425 \cdot 70 \end{array}$	425·30 425·30 425·30 425·30 425·30	$\begin{array}{c} 425 \cdot 20 \\ 425 \cdot 20 \\ 425 \cdot 10 \\ 425 \cdot 10 \\ 425 \cdot 10 \end{array}$
11	434 · 30 434 · 20 434 · 00 433 · 60 433 · 20	$432 \cdot 10$ $431 \cdot 70$ $431 \cdot 50$ $431 \cdot 50$ $431 \cdot 50$	$\begin{array}{c} 429\cdot80 \\ 429\cdot90 \\ 429\cdot80 \\ 429\cdot50 \\ 429\cdot50 \end{array}$	$\begin{array}{c} 425 \cdot 50 \\ 425 \cdot 50 \\ 425 \cdot 40 \\ 425 \cdot 30 \\ 425 \cdot 20 \end{array}$	$\begin{array}{c} 425 \cdot 90 \\ 426 \cdot 00 \\ 426 \cdot 00 \\ 425 \cdot 90 \\ 425 \cdot 90 \end{array}$	$\begin{array}{c} 425 \cdot 90 \\ 426 \cdot 20 \\ 426 \cdot 20 \\ 426 \cdot 10 \\ 426 \cdot 10 \end{array}$	$\begin{array}{c} 428 \cdot 40 \\ 428 \cdot 20 \\ 428 \cdot 20 \\ 428 \cdot 20 \\ 428 \cdot 10 \end{array}$	426 · 40 426 · 40 426 · 30 426 · 30 426 · 20	425 · 80 425 · 80 425 · 70 425 · 70 425 · 70	$\begin{array}{c} 425 \cdot 70 \\ 425 \cdot 60 \\ 425 \cdot 60 \\ 425 \cdot 60 \\ 425 \cdot 60 \end{array}$	$\begin{array}{c} 425 \cdot 30 \\ 425 \cdot 30 \\ 425 \cdot 30 \\ 425 \cdot 20 \\ 425 \cdot 20 \end{array}$	$425 \cdot 10$
16	432 · 70 432 · 30 432 · 00 432 · 00 432 · 00	430 · 80 430 · 50 430 · 20 429 · 70 429 · 50	$\begin{array}{c} 429 \cdot 30 \\ 429 \cdot 10 \\ 428 \cdot 90 \\ 428 \cdot 70 \\ 428 \cdot 40 \end{array}$	$\begin{array}{c} 425 \cdot 10 \\ 425 \cdot 10 \\ 425 \cdot 10 \\ 425 \cdot 00 \\ 425 \cdot 00 \end{array}$	$\begin{array}{c} 425 \cdot 90 \\ 425 \cdot 80 \\ 425 \cdot 70 \\ 425 \cdot 80 \\ 425 \cdot 80 \end{array}$	$\begin{array}{c} 426 \cdot 10 \\ 426 \cdot 10 \\ 426 \cdot 00 \\ 425 \cdot 90 \\ 425 \cdot 80 \end{array}$	$\begin{array}{c} 428 \cdot 30 \\ 428 \cdot 00 \\ 427 \cdot 60 \\ 427 \cdot 40 \\ 427 \cdot 30 \end{array}$	$\begin{array}{c} 426 \cdot 10 \\ 426 \cdot 10 \\ 426 \cdot 10 \\ 426 \cdot 00 \\ 425 \cdot 90 \end{array}$	425 · 70 425 · 60 425 · 60 425 · 60 425 · 60	425 · 60 425 · 60 425 · 60 425 · 50 425 · 40	$\begin{array}{c} 425 \cdot 20 \\ 425 \cdot 20 \\ 425 \cdot 20 \\ 425 \cdot 20 \\ 425 \cdot 20 \end{array}$	$425 \cdot 10$
21	432 · 20 432 · 40 432 · 80 433 · 20 433 · 60	429 · 30 429 · 10 428 · 90 428 · 70 428 · 60	$\begin{array}{c} 428 \cdot 30 \\ 428 \cdot 10 \\ 428 \cdot 00 \\ 427 \cdot 80 \\ 427 \cdot 70 \end{array}$	424 · 90 424 · 80 424 · 80 424 · 80 424 · 80	$\begin{array}{c} 425 \cdot 90 \\ 426 \cdot 10 \\ 426 \cdot 40 \\ 426 \cdot 40 \\ 426 \cdot 50 \end{array}$	425 · 80 425 · 80 425 · 80 425 · 70 425 · 70	$\begin{array}{c} 427 \cdot 20 \\ 427 \cdot 10 \\ 427 \cdot 00 \\ 426 \cdot 90 \\ 426 \cdot 80 \end{array}$	$425 \cdot 80$	425 · 60 425 · 60 425 · 60 425 · 60 425 · 60	425 · 40 425 · 40 425 · 40 425 · 40 425 · 40	$\begin{array}{c} 425 \cdot 20 \\ 425 \cdot 20 \end{array}$	425 · 10 425 · 10 425 · 10 425 · 10 425 · 10
26	433-90 434-00 434-00 434-00 434-00	428-40 428-10 428-10 428-00 428-00 428-00	$\begin{array}{c} 427 \cdot 70 \\ 427 \cdot 50 \\ 427 \cdot 30 \\ 427 \cdot 00 \\ 426 \cdot 80 \end{array}$	$\begin{array}{c} 424\cdot 80 \\ 424\cdot 80 \\ 425\cdot 00 \\ 425\cdot 10 \\ 425\cdot 20 \\ 425\cdot 20 \end{array}$	$\begin{array}{c} 426\cdot 60 \\ 426\cdot 60 \\ 426\cdot 50 \\ 426\cdot 50 \\ 426\cdot 40 \\ 426\cdot 40 \end{array}$	425 · 80 425 · 80 425 · 80 425 · 80 425 · 80	426 · 80 426 · 75 426 · 70	425 · 80 425 · 80 425 · 70 425 · 70 425 · 70	$\begin{array}{c} 425 \cdot 60 \\ 425 \cdot 50 \end{array}$	425-40	425 · 20 425 · 20 425 · 20	

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130.60 $431 \cdot 60$ 429 - 60 426-20

431.20

431 - 80 432 · 30 432 · 60 428-90 426-10 426 - 40 $424 \cdot 80$ $424 \cdot 80$ 424 · 60 424 · 60 426 · 30 426 · 30 423 · 50 426 · 40 426 · 70

431.90

433.40

434.00 432.60

432 - 50

31.....

429-40 426-10 426-60 $424 \cdot 80$ $424 \cdot 60$

428 - 60 426.00 426.40

428 - 40 426.00 426.30 424 - 80 $424 \cdot 60$

Elevations above M.S.L. of Lièvre River at Poupore, below lock, for 1911-12.

TABLE No. 297 Day. May. June. July. Oct. Nov. Dec. Jan. Feb. April. Aug Sept. March $\begin{array}{c} 427 \cdot 70 \\ 427 \cdot 50 \\ 427 \cdot 30 \\ 427 \cdot 20 \end{array}$ $424 \cdot 90$ 434.70 424-60 426 - 60 425.40 424 · 90 424 · 90 435 · 30 435 · 70 436 · 10 $432 \cdot 20$ 425 · 70 425 · 60 425 · 90 425 · 90 $424 \cdot 80$ 424-60 426.60 426.60 $427 \cdot 70 \\ 427 \cdot 70$ 425 · 40 425 · 30 425 · 20 424 · 80 425 · 00 424 - 60 431-90 424 - 40 431.70 426.60 427 - 40 424 - 40 436-40 431-60 $425 \cdot 50$ 425.80 424 - 80 427 - 40 425.50 425-80 425 - 20 426 - 60 426.70 436-60 431 - 60 424 - 60 426.90 $\begin{array}{c} 425 \cdot 20 \\ 425 \cdot 20 \\ 425 \cdot 20 \end{array}$ 425 · 20 425 · 40 425 · 70 425 · 70 425 · 50 425·10 425·10 425·10 426-60 436 - 40 426.50 426.80 431 - 40 436 · 20 435 · 70 426 - 30 426.50 426.80 427 · 10 427 · 00 425.80 425 - 40 $426 \cdot 20$ 426-40 435 - 40 426.00 430 - 30 426-40 425 - 40 $424 \cdot 80$ 426 - 20 426.30 426.70 10...... $426 \cdot 20$ 435 - 00 426.80 426-60 425 - 40 $424 \cdot 80$ 425-10 426-40 $426 \cdot 30$ 426.50 $426 \cdot 20$ $426 \cdot 80$ $427 \cdot 20$ 429·80 430·50 424.70 424.70 424.70 425·40 425·50 434 · 60 434 · 30 $426 \cdot 60$ $426 \cdot 50$ $427 \cdot 40$ $427 \cdot 60$ $427 \cdot 70$ $425 \cdot 60$ $425 \cdot 40$ $427 \cdot 40$ $427 \cdot 60$ $427 \cdot 80$ 426 · 20 426 · 10 426 · 40 426 · 30 14.... 15.... 434 - 00 430 - 40 426.30 427 - 70 $428 \cdot 20$ 433.70 430 - 60 $426 \cdot 20$ $425 \cdot 20$ $424 \cdot 70$ 425 - 90 428-00 427.90 425 - 10 433-40. 430 - 90 426.10 427.70 $425 \cdot 20$ 424.70 426-10 428-20 427 · 90 427 · 90 427 · 90 425.80 425 · 10 425 · 10 427 · 40 427 · 40 427 · 40 427 · 30 427 · 10 428-90 433-00 426.10 $425 \cdot 20$ $425 \cdot 10$ $425 \cdot 00$ 424·70 424·70 424·70 426-30 428 - 20 429 · 20 429 · 20 426-40 428 · 40 427 · 90 432 · 60 432 · 20 431 · 20 431 · 00 426.00 425.90 425.80 425.00 19..... 426.20 428-10 429 - 40 431.00 425.90 425.00 428-10 424.90 $\begin{array}{c} 424\cdot 70 \\ 424\cdot 70 \end{array}$ 420 - 60 427 · 00 427 · 00 426 · 90 $427 \cdot 00$ 428-10 431.40 430-40 495.90 $424 \cdot 80$ 426-00 425.40 424 - 90 428 - 10 429 - 80 $424 \cdot 80$ $424 \cdot 80$ 426.80 430-90 430 - 10 426 - 10 $426 \cdot 00$ 425-40 424 · 90 424 · 90 430 - 10 430.60 430 - 10 426-00 428.00 425 - 40 430 - 20 431.40 429.90 426-20 426.80 426.70 426-10 426 - 40 428 · 00 427 · 90 $425 \cdot 40$

Elevations above M.S.L. of Lièvre River at Poupore, below lock, for 1912-13.

426.00 424.80 424.60 426.50

 $425 \cdot 90$ 426.00 $424 \cdot 80$

 $424 \cdot 60$

426 - 10

427 · 40 427 · 70

 $427 \cdot 90$

425-40 424 - 90

 $425 \cdot 40$ $425 \cdot 40$ 424.90

425 - 40 424.90

 $424 \cdot 90$

424 - 90

 $427 \cdot 70$

TABLE No. 298. $424 \cdot 70$ 435.90 436 - 30 428 - 40 426.80 427 - 30 430 - 50 427 · 30 427 · 20 427 · 20 427 · 10 427 · 00 424.60 435.80 435 · 80 435 · 30 428 · 20 428 · 10 428 · 00 425 - 60 430-40 427.90 427 · 40 427 · 40 427 · 30 427 · 20 427 · 10 427 · 10 424 · 60 424 · 60 435 · 40 435 · 20 425 · 50 425 · 40 426.80 $430 \cdot 20$ 428-10 434-90 425.80 426 - 80 430 - 10 428-00 427 - 10 424.60 434.50 426.70 430.00 428 - 20 $\begin{array}{c} 427\cdot80 \\ 427\cdot70 \\ 427\cdot50 \\ 427\cdot40 \\ 427\cdot30 \end{array}$ $424 \cdot 60$ $434 \cdot 20 \\ 434 \cdot 10 \\ 433 \cdot 90$ 426 · 90 426 · 90 $\substack{427 \cdot 30 \\ 427 \cdot 20 \\ 427 \cdot 10}$ $427 \cdot 10$ 434 - 60 425 · 20 425 · 10 126.70 430 - 00 428-60 425 - 30 434 - 20 426 · 80 426 · 80 429 · 10 429 · 30 426 - 85 426 · 40 426 · 90 427 · 00 425 - 00 433 · 90 434 · 00 424 · 90 425 · 00 9..... 426.80 432 - 20 427 · 40 427 · 90 428 · 40 433.80 427-00 432.60 426 - 30 432·50 432·30 432·00 433 - 80 427.00 427.00 427.00 $425 \cdot 90$ 426.90 426·70, 426·70 426·60 $432 \cdot 80$ $432 \cdot 20$ $431 \cdot 90$ $428 \cdot 50$ $427 \cdot 50$ $427 \cdot 50$ $427 \cdot 50$ 426-20 13..... 434-10 426 - 60 426 · 80 426 · 70 426 · 20 426 · 20 428 - 60 427.00 $429 \cdot 40$ 434 - 30 427-10 426 - 70 430.50 431-30 427 - 10 427 - 50 426-60 431 - 10 428-00 426-10 431.50 431.20 426.50 $426 \cdot 40$ 432 · 20 432 · 40 437 · 20 437 · 40 427 - 00 430 - 40 428.00 126.00 426-40 40 437 - 60 430.90 426-90 427 · 50 427 · 70 427 · 60 427 · 70 432-80 437.20 430.00 126.05 126.40 126, 50 426.70 120.60 425.80 $427 \cdot 90$ $427 \cdot 70$ $427 \cdot 70$ $433 \cdot 40$ 436 - 60 430 - 80 $426 \cdot 90 \\ 426 \cdot 70$ 426.40 429 - 50 426 - 40 435 - 60 430 - 30 426.50 430.00 426-60 $\begin{array}{c} 427 \cdot 70 \\ 427 \cdot 60 \\ 427 \cdot 50 \\ 427 \cdot 40 \\ 427 \cdot 40 \\ 427 \cdot 40 \\ 427 \cdot 30 \end{array}$ 435 - 80 $429 \cdot 20$ $428 \cdot 75$ $430 \cdot 00$ $\begin{array}{c} 427 \cdot 70 \\ 427 \cdot 60 \\ 427 \cdot 50 \end{array}$ 429 · 80 429 · 80 $426 \cdot 80$ $427 \cdot 20$ $427 \cdot 40$ 428-80 428-60 425 · 70 425 · 70 435.90 28... 29... 30... 436.00 428 - 60 425.90 425.90 430 - 70 426-80

6 GEORGE V, A. 1916

Elevations above M.S.L. of Lièvre River at Poupore, below lock, for 1913–14.

										TA	BLE N	o. 299.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	435 · 30 434 · 90 434 · 80 434 · 80 434 · 70	437·30 437·70 437·80 437·60 437·40	429 · 40 429 · 00 429 · 10 429 · 10 429 · 00	425 · 90 425 · 90 425 · 90 425 · 90 425 · 90	425·40 425·30 425·30 425·40 425·40	424·70 424·90 425·00 425·10 425·10	425 · 60 425 · 60 425 · 60 425 · 50 425 · 40	430 · 80 430 · 65 430 · 50 430 · 40 430 · 00	429·55 429·45 429·25 429·05 428·85	426·50 426·35 426·25 426·10 426·05	426·30 426·30 426·20 426·20 426·20	425 · 60 425 · 50 425 · 50 425 · 40 425 · 20
6	434 · 60 434 · 40 434 · 30 434 · 10 432 · 90	437·00 436·60 436·20 435·90 435·40	429·00 428·90 428·80 *428·70 428·50	425 · 80 425 · 80 425 · 70 425 · 60 425 · 60	425·30 425·10 424·90 424·80 424·80	$\begin{array}{c} 425 \cdot 10 \\ 425 \cdot 00 \\ 425 \cdot 00 \\ 424 \cdot 90 \\ 424 \cdot 80 \end{array}$	$\begin{array}{c} 425 \cdot 40 \\ 425 \cdot 30 \\ 425 \cdot 20 \\ 425 \cdot 10 \\ 425 \cdot 10 \end{array}$	429·75 429·60 429·40 429·30 429·75	428·70 428·70 428·70 428·55 428·35	$\begin{array}{c} 426 \cdot 00 \\ 426 \cdot 00 \\ 426 \cdot 00 \\ 425 \cdot 90 \\ 425 \cdot 90 \end{array}$	$\begin{array}{c} 426 \cdot 20 \\ 426 \cdot 20 \\ 426 \cdot 30 \\ 426 \cdot 30 \\ 426 \cdot 20 \end{array}$	424 · 90 424 · 80 424 · 80 424 · 70 424 · 55
11	432 · 60 432 · 50 432 · 40 432 · 50 432 · 70	435.00 434.40 433.90 433.90 432.90	428 · 40 428 · 40 428 · 30 428 · 00 427 · 60	$\begin{array}{c} 425\cdot 60 \\ 425\cdot 60 \\ 425\cdot 60 \\ 425\cdot 60 \\ 425\cdot 70 \end{array}$	424 · 80 424 · 90 424 · 80 424 · 80 424 · 70	424 · 70 424 · 60 424 · 60 424 · 40 424 · 30	$\begin{array}{c} 425 \cdot 10 \\ 425 \cdot 20 \\ 425 \cdot 25 \\ 425 \cdot 35 \\ 425 \cdot 50 \end{array}$	429 · 90 430 · 05 430 · 20 430 · 40 430 · 50	428·10 427·80 427·60 427·30 427·30	$\begin{array}{c} 425 \cdot 90 \\ 426 \cdot 00 \\ 425 \cdot 80 \\ 425 \cdot 80 \\ 425 \cdot 80 \end{array}$	426·10 426·00 425·90 425·80 425·80	424 · 45 424 · 40 424 · 40 424 · 40 424 · 40
16	433 · 40 433 · 90 434 · 70 435 · 40 435 · 60	432 · 40 432 · 20 431 · 60 431 · 10 430 · 60	427 · 60 427 · 40 427 · 30 427 · 20 427 · 10	$\begin{array}{c} 425 \cdot 90 \\ 426 \cdot 10 \\ 426 \cdot 10 \\ 426 \cdot 40 \\ 426 \cdot 60 \end{array}$	424 · 60 424 · 40 424 · 30 424 · 20 424 · 20	424·30 424·20 424·10 424·30 424·10	425·75 426·10 426·30 426·30 426·50	430 · 40 430 · 20 429 · 90 429 · 75 429 · 70	427·40 427·40 427·30 427·30 427·30	425 · 80 425 · 70 425 · 70 425 · 60 425 · 60	425 · 80 425 · 70 425 · 80 425 · 80 425 · 90	424 · 50 424 · 50 424 · 75 424 · 70 424 · 90
21	435 · 70 435 · 60 435 · 40 435 · 20 435 · 10	430 · 40 430 · 20 430 · 20 429 · 70 429 · 60	427-00 427-00 426-90 426-80 426-70	$\begin{array}{c} 426\cdot 60 \\ 426\cdot 50 \\ 426\cdot 20 \\ 426\cdot 10 \\ 426\cdot 00 \end{array}$	424 · 20 424 · 10 424 · 10 424 · 30 424 · 20	424 · 10 424 · 90 425 · 10 425 · 20 425 · 30	426-80 426-95 427-40 428-10 429-95	429 · 65 429 · 50 429 · 40 429 · 55 429 · 65	427 · 05 426 · 80 426 · 60 426 · 45 426 · 50	425·75 425·75 425·70 425·70 425·70	425·70 425·70 425·70 425·65 425·60	425 · 00 424 · 95 424 · 80 424 · 80 424 · 90
26	435·10 435·10 435·50 436·30 436·70	429 · 50 429 · 40 429 · 80 429 · 90 429 · 70 429 · 40	426-60 426-40 426-20 426-20 426-00	$\begin{array}{c} 426\cdot00 \\ 425\cdot80 \\ 425\cdot70 \\ 425\cdot70 \\ 425\cdot50 \\ 425\cdot40 \end{array}$	424 · 20 424 · 40 424 · 50 424 · 50 424 · 50 424 · 50	425 · 40 425 · 50 425 · 60 425 · 70 425 · 80	430 · 35 431 · 00 431 · 20 431 · 40 431 · 40 431 · 00	429 · 95 430 · 25 430 · 10 429 · 80 429 · 70	426 · 90 427 · 25 427 · 15 427 · 00 426 · 85 426 · 75	425·70 425·70 425·85 425·95 426·25 426·30	425 · 60 425 · 60 425 · 60	424 · 95 425 · 25 425 · 65 425 · 85 425 · 90 426 · 00

Elevations above M.S.L. of Lièvre River at Poupore, below lock, for 1914-15.

										TA	BLE No	. 300.
1	425 · 80 425 · 90 425 · 90 425 · 90 425 · 80	430 · 50 430 · 50 430 · 50 430 · 40 430 · 30	427 · 60 427 · 40 427 · 40 427 · 40 427 · 40	427·20 427·20 427·20 427·20 427·35	425 · 40 425 · 30 425 · 25 424 · 95 424 · 75	424 · 40 424 · 40 424 · 35 423 · 95 423 · 65	423 · 90 423 · 80 423 · 80 423 · 80 423 · 80	$\begin{array}{c} 425\cdot 65 \\ 425\cdot 80 \\ 425\cdot 90 \\ 426\cdot 00 \\ 425\cdot 90 \end{array}$	426 · 95 427 · 15 427 · 35 427 · 65 427 · 70	426 · 80 426 · 70 426 · 65 426 · 50 426 · 50	426·10 426·20 426·20 426·15 426·10	426 · 20 426 · 10 426 · 00 426 · 00 425 · 90
6	$\begin{array}{c} 425\cdot80 \\ 425\cdot80 \\ 425\cdot90 \\ 425\cdot90 \\ 425\cdot60 \end{array}$	430 · 20 430 · 60 430 · 70 430 · 75 430 · 85	$\begin{array}{c} 427 \cdot 30 \\ 427 \cdot 20 \\ 427 \cdot 00 \\ 427 \cdot 00 \\ 426 \cdot 90 \end{array}$	427 · 10 427 · 00 426 · 85 426 · 65 426 · 60	424 · 60 424 · 60 424 · 60 424 · 55 424 · 45	424 · 05 424 · 15 424 · 55 424 · 65 424 · 70	423 · 90 423 · 95 424 · 10 424 · 15 424 · 30	$\begin{array}{c} 425 \cdot 90 \\ 426 \cdot 00 \\ 426 \cdot 10 \\ 426 \cdot 20 \\ 426 \cdot 30 \end{array}$	427 · 70 427 · 75 427 · 90 427 · 75 427 · 65	426 · 75 427 · 05 426 · 95 426 · 75 426 · 55	$\begin{array}{c} 426\cdot00 \\ 426\cdot00 \\ 426\cdot00 \\ 425\cdot90 \\ 425\cdot85 \end{array}$	$\begin{array}{c} 425 \cdot 90 \\ 425 \cdot 85 \\ 425 \cdot 80 \\ 425 \cdot 70 \\ 425 \cdot 70 \end{array}$
11 12 13 14 15	$\begin{array}{c} 425 \cdot 30 \\ 425 \cdot 20 \\ 425 \cdot 20 \\ 425 \cdot 05 \\ 425 \cdot 05 \end{array}$	430 · 80 430 · 75 430 · 65 430 · 40 430 · 35	$\begin{array}{c} 426 \cdot 65 \\ 426 \cdot 40 \\ 426 \cdot 30 \\ 426 \cdot 20 \\ 426 \cdot 10 \end{array}$	$\begin{array}{c} 426 \cdot 55 \\ 426 \cdot 40 \\ 426 \cdot 25 \\ 426 \cdot 20 \\ 425 \cdot 85 \end{array}$	424 · 40 424 · 30 424 · 20 424 · 65 424 · 70	424 · 85 424 · 95 425 · 00 425 · 00 425 · 00	$\begin{array}{c} 424 \cdot 40 \\ 424 \cdot 55 \\ 424 \cdot 65 \\ 424 \cdot 60 \\ 424 \cdot 50 \end{array}$	426 · 30 426 · 35 426 · 40 426 · 30 426 · 40	$\begin{array}{c} 427 \cdot 55 \\ 427 \cdot 50 \\ 427 \cdot 35 \\ 427 \cdot 15 \\ 426 \cdot 85 \end{array}$	$\begin{array}{c} 426\cdot 50 \\ 426\cdot 75 \\ 426\cdot 90 \\ 427\cdot 00 \\ 427\cdot 00 \end{array}$	425 · 80 425 · 70 425 · 70 425 · 70 425 · 65	$\begin{array}{c} 425 \cdot 70 \\ 425 \cdot 60 \\ 425 \cdot 60 \\ 425 \cdot 50 \\ 425 \cdot 50 \end{array}$
16	425 · 20 425 · 50 425 · 90 426 · 65 427 · 60	430 · 25 429 · 95 429 · 60 429 · 30 429 · 05	$\begin{array}{c} 426\cdot 10 \\ 426\cdot 10 \\ 426\cdot 20 \\ 426\cdot 30 \\ 426\cdot 25 \end{array}$	$\begin{array}{c} 425 \cdot 80 \\ 425 \cdot 70 \\ 425 \cdot 60 \\ 425 \cdot 50 \\ 425 \cdot 50 \end{array}$	$\begin{array}{c} 424 \cdot 45 \\ 424 \cdot 30 \\ 424 \cdot 20 \\ 424 \cdot 20 \\ 424 \cdot 50 \end{array}$	425 · 00 425 · 00 424 · 95 424 · 75 424 · 65	$\begin{array}{c} 424 \cdot 70 \\ 424 \cdot 90 \\ 425 \cdot 10 \\ 425 \cdot 35 \\ 425 \cdot 40 \end{array}$	$\begin{array}{c} 426\cdot 50 \\ 426\cdot 50 \\ 426\cdot 35 \\ 426\cdot 30 \\ 426\cdot 55 \end{array}$	$\begin{array}{c} 426\cdot 65 \\ 426\cdot 55 \\ 426\cdot 45 \\ 426\cdot 35 \\ 426\cdot 25 \end{array}$	$\begin{array}{c} 426\cdot 90 \\ 426\cdot 85 \\ 426\cdot 70 \\ 426\cdot 80 \\ 426\cdot 80 \end{array}$	425 · 60 425 · 60 425 · 50 425 · 50 425 · 45	425 · 50 425 · 50 425 · 50 425 · 40 425 · 40
21	428 · 20 428 · 50 428 · 75 428 · 95 429 · 25	428 · 75 428 · 45 428 · 40 428 · 40 428 · 15	$\begin{array}{c} 426 \cdot 30 \\ 426 \cdot 30 \\ 426 \cdot 30 \\ 426 \cdot 45 \\ 426 \cdot 65 \end{array}$	$\begin{array}{c} 425 \cdot 50 \\ 425 \cdot 45 \\ 425 \cdot 60 \\ 425 \cdot 90 \\ 426 \cdot 10 \end{array}$	$\begin{array}{c} 424\cdot70 \\ 424\cdot80 \\ 424\cdot90 \\ 425\cdot25 \\ 425\cdot20 \end{array}$	424 · 60 424 · 50 424 · 25 424 · 15 424 · 00	$\begin{array}{c} 425 \cdot 40 \\ 425 \cdot 30 \\ 425 \cdot 40 \\ 425 \cdot 55 \\ 425 \cdot 60 \end{array}$	$\begin{array}{c} 426 \cdot 75 \\ 426 \cdot 90 \\ 427 \cdot 00 \\ 427 \cdot 00 \\ 427 \cdot 00 \end{array}$	$\begin{array}{c} 426 \cdot 40 \\ 426 \cdot 40 \\ 426 \cdot 40 \\ 426 \cdot 40 \\ 426 \cdot 50 \end{array}$	$\begin{array}{c} 426\cdot 70 \\ 426\cdot 60 \\ 426\cdot 45 \\ 426\cdot 40 \\ 426\cdot 40 \end{array}$	425 · 40 425 · 40 425 · 40 425 · 45 425 · 95	425 · 40 425 · 40 425 · 55 425 · 70 425 · 80
26	429·75 430·05 430·35 430·50 430·60	$\begin{array}{c} 428\cdot05\\ 427\cdot95\\ 427\cdot85\\ 427\cdot85\\ 427\cdot75\\ 427\cdot65\\ \end{array}$	426 · 80 426 · 80 427 · 05 427 · 20 427 · 20	426 · 00 425 · 90 425 · 75 425 · 60 425 · 50 425 · 40	424 · 95 425 · 15 424 · 95 424 · 85 424 · 75 424 · 60	424·10 424·10 424·00 424·00 424·00	$\begin{array}{c} 425 \cdot 70 \\ 425 \cdot 60 \\ 425 \cdot 60 \\ 425 \cdot 45 \\ 425 \cdot 50 \\ 425 \cdot 60 \end{array}$	427·00 427·00 426·90 426·75 426·70	$\begin{array}{c} 426\cdot55\\ 426\cdot70\\ 426\cdot75\\ 426\cdot90\\ 426\cdot90\\ 426\cdot80\\ \end{array}$		426·25 426·40 426·30	425 · 90 425 · 90 425 · 90 425 · 90 425 · 90 425 · 80

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of South Nation River at Plantagenet, for 1910-11.

TABLE No. 301

											D D D T 1	
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	149·50 149·00 148·80 148·30 148·10	147·70 147·50 147·80 148·70 148·40	147·00 147·20 147·20 147·10 147·00	145·70 145·60 145·80 145·90 145·80	145·70 145·70 145·70 146·00 146·20	145·70 145·60 145·70 145·80 145·70	145·70 145·70 145·70 145·70 145·80	145 · 90 145 · 80 145 · 80 145 · 80 145 · 80	146 · 00 146 · 00 145 · 90 145 · 90 145 · 80	145 · 50 145 · 50 145 · 50 145 · 50 145 · 50	145 · 50 145 · 50 145 · 50 145 · 50 145 · 50	
6	147.90 148.00 147.90 147.70 147.60	147 · 90 147 · 60 147 · 40 147 · 20 147 · 00	146 · 80 146 · 80 146 · 80 146 · 80 146 · 50	145.70 145.80 145.80 145.80 145.70	146 · 10 146 · 00 145 · 90 145 · 80 146 · 00	146 · 30 147 · 00 146 · 90 146 · 60 146 · 30	146 · 20 147 · 50 147 · 30 146 · 90 146 · 50	145.90 145.90 145.90 145.80 145.80	145·80 145·70 145·70 145·60 145·60	145·50 145·50 145·50 145·50 145·50	145.50 145.50 145.50 145.50 145.50	
11	147·50 147·40 147·30 147·20 147·10	146 · 90 146 · 80 146 · 80 146 · 80 146 · 70	146·40 146·30 146·30 146·20 146·20	145.90 146.00 146.00 146.00 145.90	146 · 10 146 · 10 146 · 10 146 · 10 145 · 90	146 · 10 146 · 00 145 · 90 145 · 80 145 · 80	146 · 40 146 · 30 146 · 10 146 · 00 146 · 00	145.90 146.00 146.10 146.20 146.20	145 · 60 145 · 60 145 · 50 145 · 50 145 · 50	145·50 145·50 145·50 145·50 145·50	145·50 145·50 145·50 145·50 145·50	145-60 145-60
16	146 · 80 147 · 30	146 · 60 146 · 50 146 · 50 146 · 40 146 · 40	146·10 146·10 146·20 146·10 146·10	145.90 145.80 145.70 145.60 145.60	145.90 145.80 145.90 146.10 146.10	145·70 145·70 145·70 145·60 145·60	146.00 145.90 145.90 145.80 145.80	146 · 20 146 · 10 146 · 00 145 · 90	145·50 145·50 145·50 145·50 145·50	145·50 145·50 145·50 145·50 145·50	145·50 145·50 145·50 145·50 145·50	145.80 145.80 145.90
21	149.00 148.60 148.10 147.60 147.50	146 · 40 146 · 40 146 · 40 146 · 40 146 · 60	146.00 146.00 145.90 145.90 145.80	145.60 145.60 145.60 145.60 145.70	146 · 00 145 · 90 145 · 90 146 · 20 146 · 40	145.60 145.60 145.60 145.60 145.60	145.70 145.70 145.80 145.70 145.70	145 · 80 145 · 70 145 · 70 145 · 60 145 · 80	145·50 145·50 145·50 145·50 145·50	145·50 145·50 145·50 145·50 145·50	145 · 50 145 · 50 145 · 50 145 · 50 145 · 50	146.00 146.10 146.10 146.10
26. 27. 28. 29. 30. 31.	149 · 30 148 · 70 148 · 20 147 · 80	146·50 146·60 146·50 146·70 146·70 146·90	145.80 145.70 145.70 145.70	145·70 146·00 146·00	146 · 20 146 · 00 145 · 90 145 · 90 145 · 80 145 · 70	145.60	146.00	145.80	145.50 145.50 145.50 145.50 145.50 145.50		145 · 60 145 · 60 145 · 60	146·20 146·20 146·90 148·00

ELEVATIONS above M.S.L. of South Nation River at Plantagenet, for 1911-12.

								Т	ABLE	No. 302
2	48·40 147·60 48·40 147·80 48·20 148·00 48·00 147·90 47·70 147·60	146·20 145·80 146·30 145·80 146·20 145·80 146·20 145·90 146·10 145·90	145-60 145-60 145-60 145-60 145-60	145.70 145.70 145.80 145.70 145.60	145·80 145·70 145·70 145·70 145·70	145.90 145.70 145.70 145.70 145.60	146·20 146·30 146·30 146·30 146·30	146·90 146·70 146·40 146·30 146·20	145·70 145·60 145·60 145·60 145·60	145-60 145-60 145-60 145-60 145-60
7	47·90 147·40 50·00 147·20 52·70 147·00 54·60 146·80 55·90 146·70	146·10 145·70 146·00 145·70	145.50 145.60 145.60	145·70 145·80 145·70 145·70 145·70	$\substack{145.70\\145.70\\145.70\\145.70\\145.70\\145.70}$	$\begin{array}{c} 145 \cdot 70 \\ 145 \cdot 80 \end{array}$	146.30 146.30 146.30 146.30 147.00	$\begin{array}{c} 146 \cdot 20 \\ 146 \cdot 20 \\ 146 \cdot 20 \\ 146 \cdot 00 \\ 146 \cdot 90 \end{array}$	$^{145\cdot 60}_{145\cdot 60}_{145\cdot 60}_{145\cdot 60}_{145\cdot 70}$	145.60 145.60 145.60 145.60 145.60
12	56-90 146-70 58-50 146-70 59-30 146-60 58-70 146-50 58-00 146-30	146·30 145·70 147·10 145·60 147·40 145·60	145·70 145·70 145·60	$\begin{array}{c} 145 \cdot 70 \\ 145 \cdot 80 \\ 145 \cdot 80 \\ 145 \cdot 70 \\ 145 \cdot 70 \end{array}$	145.60 145.60 145.60 145.60 145.60	145.90 146.00 146.00 146.00 146.00	$\begin{array}{c} 147 \cdot 60 \\ 149 \cdot 60 \\ 149 \cdot 80 \\ 149 \cdot 80 \\ 149 \cdot 80 \\ 148 \cdot 60 \end{array}$	$\begin{array}{c} 145 \cdot 90 \\ 145 \cdot 80 \\ 145 \cdot 80 \\ 145 \cdot 70 \\ 145 \cdot 70 \end{array}$	145·60 145·60 145·70 145·70 145·60	145·70 145·70 145·70 145·70 145·70
17	57·50 146·20 56·20 146·20 54·00 146·10 52·90 146·20 50·60 146·20	147.00 145.70 146.90 145.70 146.70 145.70	145-60 145-70 145-60	145.90 145.90 145.80 145.80 145.70	$\begin{array}{c} 145 \cdot 60 \\ 145 \cdot 60 \\ 145 \cdot 80 \\ 145 \cdot 90 \\ 145 \cdot 90 \end{array}$	146 · 00 145 · 90 145 · 90 145 · 90 146 · 00	148 · 20 147 · 80 147 · 50 147 · 40 147 · 30	145.70 145.80 145.80 145.90 145.80	145-60 145-60 145-70 145-80	145·70 145·70 145·70 145·70 145·70
22	146 · 10 146 · 10 149 · 50 146 · 10 146 · 10 146 · 30 146 · 30 146 · 40	146·20 145·70 146·00 145·70 146·10 145·70	145.60 145.50 145.50	$\begin{array}{c} 145 \cdot 70 \\ 145 \cdot 70 \end{array}$	145 · 80 145 · 70 145 · 60 145 · 50 145 · 50	. 146.00 145.90 146.00 146.00 146.00	$\begin{array}{c} 147 \cdot 10 \\ 147 \cdot 00 \\ 147 \cdot 00 \\ 147 \cdot 20 \\ 147 \cdot 50 \end{array}$	145.80 145.80 145.80 145.70 145.70	145 · 80 145 · 80 145 · 80 145 · 80 145 · 80	145·70 145·70 145·70 145·70 145·70
27	148-20 146-30 148-10 146-30 147-90 146-20 147-80 146-20 147-70 146-10 146-00	0 145-90 145-60 0 145-90 145-60 0 145-80 145-60 0 145-80 145-60	145.70 145.70 145.70 145.70	145·70 145·70 145·70 145·80 145·80	$\begin{array}{c} 145 \cdot 50 \\ 145 \cdot 50 \\ 145 \cdot 70 \\ 145 \cdot 80 \\ 145 \cdot 80 \\ 145 \cdot 80 \end{array}$	146.00 146.00 146.00 146.00 146.10	147 · 80 148 · 20 147 · 80 147 · 40 147 · 20 147 · 00	145·70 145·70 145·70 145·70 145·70 145·70	145·70 145·70 145·70 145·60	145.70 145.80 145.80 145.90 145.90 145.90

6 GEORGE V, A. 1916

Elevations above M.S.L. of South Nation River at Plantagenet, for 1912-13.

TABLE No. 303

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	146·00 146·00 146·00	147 · 60 147 · 40 147 · 20	153 · 50 151 · 70 149 · 80	145·90 145·90 145·90	145 · 70 145 · 70 145 · 70	145 · 80 145 · 80 145 · 80	147 · 70 147 · 70 147 · 40	147 · 40 147 · 50 147 · 50	147 · 60 147 · 70 149 · 00	147·40 147·50	148-40 148-76 148-90	146·10
5	146·10 146·10	147·20 147·00	148 · 80 148 · 30	145 · 90 145 · 90	145·70 145·70	145·80 145·80	147·20 147·00	147·40 147·20	151·20 151·20	151 · 40 150 · 80	148-80 147-70	146 · 00 146 · 00
6 7	146-40 153-90	146-90 147-00	147.80 148.00 147.90	145.90 145.80 145.80	145·80 145·80 145·70	145.80 145.90 146.00	146·90 146·70 146·60	147·10 148·60 154·70	151·20 153·70 153·40	149·70 149·30 148·40	147·30 147·20 146·90	145.90 145.90 146.00
8 9 10	155·70 155·95 156·20	147 · 10 147 · 10 147 · 00	147.70 147.50	145 · 80 145 · 80	145.90 146.00	146·00 146·00	146 · 40 146 · 30	154 · 30 152 · 50	152 · 20 151 · 10	148·30 148·30	146·80 146·70	146-10
11	156·20 157·60	147·00 146·90	147·20 147·00	145 · 80 145 · 89	146·20 146·30	146.00 146.29	146·39 146·30	151·20 150·30	150·00 149·40	148 · 20 147 · 60	146 · 50 146 · 50	146-00 146-10
13 14 15	157 · 70 156 · 80 155 · 70	146 · 90 147 · 10 147 · 00	147·00 147·00 146·90	145 · 80 145 · 80 145 · 80	146-20 146-20 146-10	146 · 10 146 · 00 146 · 00	146·30 146·30 146·30	149 · 20 150 · 50 151 · 89	149 · 00 147 · 90 147 · 70	147 · 50 147 · 40 147 · 40	146·40 146·20 146·20	
16	155 · 50 155 · 10	146 · 80 147 · 10	146·80 146·80	145·87 145·90	146·00 146·00	146 · 10 146 · 00	146·40 146·49	151·20 150·30	147 · 69 147 · 90	147·20 147·50	146 · 20 146 · 20	153 - 00
18 19 20	153 · 60 153 · 90 153 · 30	148.00 148.00 147.90	146 · 90 146 · 70 146 · 60	145 · 80 145 · 80 145 · 80	146.00 145.90 145.90	146 · 00 146 · 00 146 · 10	146·40 146·40 146·40	150.00 148.90 148.20	147 · 80 147 · 20 147 · 00	152 · 90 152 · 40 151 · 10	146·10 146·10 146·10	152.80
2122	151 · 60 150 · 30	147 · 70 147 · 50	146 · 50 146 · 40	145·80 145·70	145·90 145·90	146·30 146·20	146 · 50 146 · 50	148 · 30 148 · 40	147 · 00 147 · 00	151·00 151·00	146 · 00 146 · 00	157 - 10
23 24 25	151 · 90 151 · 20 150 · 20	147 · 40 147 · 5° 150 · 70	146·30 146·20 146·20	145·70 145·70 145·70	145·80 145·80 146·00	146 · 30 146 · 70 147 · 00	146 · 50 146 · 70 147 · 80	148 · 20 148 · 00 147 · 50	147·10 146·90	150·70 150·30 150·00	146 · 00 146 · 00 146 · 10	157 - 40
26 27	149·30 148·90	150·20 148·80	146 · 10 146 · 10	145·70 145·70	146 · 10 146 · 10	146-90 146-70	149·00 148·70	147 · 20 147 · 10	146 · 70 146 · 60	149 · 40 149 · 20	146 · 10 146 · 10	155 - 90
28 29 30	148 · 50 148 · 10 147 · 80	148 · 10 148 · 40 153 · 00	146 · 00 146 · 00 145 · 90	145 · 70 145 · 70 145 · 70	146-00 146-00 145-90	146-90 146-90 147-70	148 · 40 147 · 90 147 · 70	147 · 30 147 · 50 147 · 70	146 · 50 146 · 50 146 · 50	149 · 40 149 · 10 148 · 30	146-10	153 - 20

Elevations above M.S.L. of South Nation River at Plantagenet, for 1913-14.

TABLE No. 304 145 · 90 145 · 70 145 · 80 145.80 145.70 147 · 10 146 · 70 148 · 50 156-60 145.80 145-80 $147 \cdot 20$ 147 - 40 147 - 70 147 - 80 147 - 80 147 · 60 147 · 40 147 · 10 145.80 156 - 10 147-30 145.80 146.30 147 - 10 155.00 147 - 10 145.70 145-90 $146 \cdot 20$ 146-30 145.80 $145 \cdot 70 \\ 145 \cdot 70$ 145.70 146-00 146.80 146-30 5. 146-80 146-70 145 - 70 146.80 148-70 146-10 146+30 $155 \cdot 70$ 145.80 145 · 70 145 · 70 145 · 70 145 · 70 149-00 146 - 10 $155 \cdot 50$ $146 \cdot 70$ 146.70 145.70 146.50 146 - 60 145 · 80 145 · 70 146.80 146-00 147.80 146 - 20 145.70 148-20 153 · 40 151 · 70 150 · 50 145 · 80 145 · 80 146.40 146 - 70 $146 \cdot 10$ 147 · 40 147 · 40 146.40 146-40 145 - 60 145.70 146 - 10 146 - 40 146.30 145.70 145 - 60 145.70 148-20 145.90 147-40 146-00 11 150 · 20 152 · 20 $145 \cdot 70 \\ 145 \cdot 70$ 145·70 145·70 145 · 60 145 · 60 148-80 147 · 50 147 · 30 147 · 40 146-40 146-20 145.70 146-10 147 · 30 147 · 10 146.00 146 - 30 148-40 146-10 145 - 70 151 - 50 146 - 10 145 - 70 145-60 148 · 00 147 · 60 147 · 60 146 · 10 146 · 00 146.00 146-10 145.80 145·70 145·80 150 - 60 146-00 146 - 10 145-70 146.80 146.00 145.80 145.70 147.40 146.00 149-90 145-90 145-60 149.30 $145 \cdot 80$ 145-80 145-60 145 - 70 $145 \cdot 70$ 146-80 146-00 147 · 50 147 · 50 147 · 60 147 · 70 147 · 50 148-90 146 - 20 146 · 00 146 · 00 146 · 00 145 · 80 145 · 70 145 · 70 145 · 70 145 · 70 145 · 70 145.80 145.70 147 · 20 147 · 10 147 · 00 146 - 10 146-60 146 · 10 146 · 70 147 · 70 148-60 146·30 146·40 145-60 146-60 148-80 145 - 60 146-00 146-60 150 - 10 20 148-80 146 - 40 145 - 60 145-70 146-20 146 - 00 146 - 60 148 - 20 147-80 148-80 146-40 145-80 145-80 145-60 150 - 20 146.00 146.50 148-50 145 · 80 145 · 80 145 · 80 145 · 70 145 · 90 148-00 147-40 147-30 149-20 146.00 148-20 146 - 50 145 · 80 145 · 80 146 · 90 146 · 80 146-40 148-50 148 · 00 147 · 90 147 · 60 146.90 145-90 146.00 148-70 146-40 146.80 145.90 146 - 00 145.90 147-90 145 - 80 146.00 145.80 148-70 148 - 40 146.80 146.00 145.80 146.70 146.30 148-20 20 147 · 90 147 · 80 147 · 90 145-80 148-00 146-10. 146.60 145 - 90 145-90 148-60 147 · 70 147 · 10 147 · 00 146 - 70 146 - 10 146-30 146 - 30 145.90 145.80 145.80 150 - 40 145.80 145.90 146-20 146.20 154 - 60 145.70 146-40 146.30 154 - 80 151-20 145-80 145.90 148 · 20 147 · 90 147 · 60 147-80 150.00 145.80 145 · 80 145 · 80 145.80 145.80 146-30 146.40 31..... 149-20 146.30

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of South Nation River at Plantagenet, for 1914–15. ${}^{\text{TABLE No. 305}}.$

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct. ·	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	154·40 155·40 155·20 155·30 155·20	150·00 148·90 147·90 147·50	145·80 145·80 145·80 145·80 145·90	146·10 146·10 146·00 146·00	145·80 145·80 145·80 145·80	145 · 90 146 · 00 146 · 10 146 · 00 146 · 00	145·70 145·70 145·80	145-90 145-90 145-90 145-90	146·30 146·40 147·80 147·70 147·00	145 · 80 145 · 80 145 · 80 145 · 80	146·30 146·30 146·30 146·30 146·20	148-60 148-20 147-60 147-70 147-40
6	153 · 80 151 · 90 150 · 80 150 · 10 149 · 10	147 · 30 147 · 20 147 · 30 146 · 90	145.80 145.80 145.80 145.70	145.90 145.90 145.80 145.90 145.80	145-80 145-80 145-80	145·90 145·90 145·80 145·80	145·70 145·60 145·70 145·70 145·80	145-90 145-90 145-90 145-90	146-60 146-40 146-30 146-30	145 · 80 146 · 00 146 · 30 146 · 40	146·20 146·10 146·00 146·10	146-90 146-90 146-90
11	150 - 20 150 - 10 149 - 90 149 - 60	146 · 80 146 · 60 146 · 50 146 · 50 146 · 40	145·70 145·70 145·70	145 · 80 145 · 80 145 · 80 145 · 80	145 · 80 145 · 80 145 · 80 145 · 90 146 · 00	145·70 145·70 145·70 145·70	145-80 145-80 145-80 145-70	145·90 145·90 145·80 145·80	146·10 146·00 145·90 145·90	146 · 40 146 · 40 146 · 50 146 · 60 146 · 60	146·10 146·10 146·10	146-90 147-10 147-10
16	149 · 80 150 · 00 150 · 70 151 · 40	146 · 40 146 · 20 146 · 20 146 · 40	145·70 145·70 145·70 145·70 145·70	145 · 80 145 · 80 145 · 70 145 · 70	145-90 145-90 145-90 145-80	145·70 145·70 145·70 145·60	145 · 70 145 · 80 145 · 90 145 · 90	146 · 40 147 · 20 147 · 00 146 · 90 146 · 70	145 · 80 145 · 80 145 · 80 145 · 80	146 · 50 146 · 60 146 · 60	146·20 146·20 146·40 146·50	147 · 60 147 · 60 147 · 60 147 · 50 147 · 50
21 22 23 24 25	151 · 20 150 · 00 149 · 30 148 · 30 148 · 00	146·20 146·00 145·90	145·70 145·70 145·70 145·80	145·70 145·70 145·70 145·70 145·70	145 · 80 145 · 80 145 · 80 145 · 80	145 · 60 145 · 60 145 · 60 145 · 60 145 · 60	145 · 90 145 · 80 145 · 70 145 · 70	146 · 10 146 · 10 146 · 10 146 · 10	145·70 145·70 145·70 145·70 145·70	146-60 146-50 146-40	146·70 147·00 147·00 149·40	148 · 20 149 · 00 149 · 70 151 · 70 153 · 20
26	151 · 90 150 · 90 150 · 10 151 · 20	145·90 146·00 145·90 145·90 145·90	145 · 80 145 · 80 145 · 90 146 · 10	145·70 145·70 145·70 145·70 145·70	145 · 80 145 · 70 145 · 70 145 · 80	145 · 60 145 · 70 145 · 80 145 · 70	145·70 145·70 145·70 145·70 145·70 145·80	146·00 146·30 146·50	145·70 145·80 145·70 145·90 145·80	146-90 146-70 146-60 146-50	150·70 150·20 148·70	153 · 40 152 · 20 150 · 70 149 · 70 149 · 90

Elevations above M.S.L. of Ottawa River at Thurso, Que., for 1906.

TABLE No. 306. 135 · 65 135 · 75 135 · 85 $137\cdot 05$ 136 - 95 136 - 95 136-15 136-45 136 · 45 136 · 75 136·75 137·85 137·95 15..... 16. 138-05 137.05 137 · 05 137 · 05 138 · 10 138 · 15 136.75 20 138 · 15 138 · 10 136·75 136·45 138-05 136 · 05 135 · 95 135 · 85

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Rouge River at Table Falls, for 1905.

TABLE No. 307.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5		363·40 363·35 363·10 362·90 362·80	361·40 361·10 361·05 361·05 361·10	360·13 360·07 360·02 360·08 360·08	360·10 360·08 360·01 359·96 359·94	359·55 359·50 359·52 359·54 359·57	360 · 02 359 · 98 359 · 95 359 · 91 359 · 87	360 · 40 360 · 33 360 · 28				
6		362 · 80 363 · 20 363 · 20 363 · 20 363 · 30	361.05 361.00 361.00 360.90 360.80	360 · 02 360 · 00 360 · 04 360 · 06 360 · 20	$359 \cdot 92$ $359 \cdot 90$ $359 \cdot 91$ $359 \cdot 96$ $360 \cdot 00$	359 · 60 359 · 62 359 · 64 359 · 67 359 · 66	359 · 88 359 · 90 359 · 94 359 · 98 360 · 00	360·17 360·15				
11		363 · 40 363 · 40 363 · 35 363 · 30 363 · 30	360 · 80 360 · 90 360 · 95 361 · 00 360 · 90	360 · 18 360 · 10 360 · 45 360 · 80 360 · 87	360 · 00 360 · 00 359 · 99 359 · 99 259 · 97	359 · 63 359 · 60 359 · 58 359 · 55 359 · 52	360 · 20 360 · 10 360 · 30 360 · 50 360 · 50	360 · 18 360 · 19 360 · 20				
16	361·80 361·75 361·50 361·47 361·30	363 · 10 363 · 00 362 · 70 362 · 50 362 · 20	360·80 360·80 360·80 361·00	360 · 80 360 · 73 360 · 60 360 · 58 360 · 52	359 · 94 359 · 90 359 · 89 359 · 89 359 · 85	359 · 50 359 · 54 359 · 70 360 · 30 360 · 50	360·33 360·45 360·78					
21	361·20 361·11	362 · 10 361 · 90 361 · 77 361 · 62 361 · 40	360 · 90 360 · 80 360 · 60 360 · 52 360 · 40	360 · 47 360 · 40 360 · 36 360 · 29 360 · 25	359 · 82 359 · 78 359 · 76 259 · 74 359 · 71	360·45 360·34 360·30 360·28	361 · 20 361 · 15 360 · 98					
26. 27. 28. 29. 30. 31.	361 · 30 361 · 63 361 · 82 362 · 80	361 · 25 361 · 20 361 · 15 361 · 10 361 · 08 361 · 06	360·35 360·30 360·38 360·31 360·22	360·18 360·15 360·12 360·11 360·10 360·12	359·70 359·68 359·65 359·62 359·60 359·58	360 · 29 360 · 20 360 · 17 360 · 11 360 · 05	360 - 61					

Elevations above M.S.L. of Rouge River at Table Falls, for 1906.

TABLE No. 308. 359·65 360·24 360·25 361-08 360-60 359 - 90 358-33 360 - 24 361·00 360·80 360·57 360·52 359 · 79 359 · 77 359 · 76 359·82 359·75 358 · 26 358 · 28 360 · 24 360 · 23 360 · 20 360·20 360·17 360+90 360-46 359.62 360 - 40 361-00 359·75 359·73 359·74 359·75 359·73 360·14 360·09 360·06 361-40 360 - 36 359-54 358-40 360-17 7. 8. 9. 361-60 360 - 32 359 - 48 358-90 360 - 15 362-00 359-35 358 - 20 360-12 362 · 20 362 · 80 360-00 359-90 360 - 13 359 - 30 $360 \cdot 10$ 358-90 359 - 26 360.08 260.00 359-75 359-70 359-63 359.70 360 - 10 360.06 359 · 18 359 · 14 362·80 362·72 362·67 359·82 359·70 359.68 359.65 360 - 18 360.05 360-13 360-03 360.00 360.00 359 - 59 361.72 362 - 52 360.08 359 - 56 359.07 $360 \cdot 20$ 359 - 97 361-64 362-38 360.06 359 - 52 359-65 359-68 359-70 359-70 360.04 360 - 20 359 · 90 359 · 86 359 · 80 361·50 362·57 362·62 360 · 19 360 · 17 361.80 361.75 360·00 359·95 359-45 360-40 358-90 20..... 361-63 359 - 90 360-38 358-80 360 - 15 359-68 359 - 68 362.30 361.50 359·87 359·85 360.35 358 - 78 360 - 15 359-80 360 - 30 360 - 17 359-67 359-65 361-37 361-20 361-12 361-80 361-70 359-85 360 - 27 359-65 359-68 358 · 73 358 · 71 359.84 360-23 360 · 21 360 · 22 360 - 00 359-98 359.70 361-58 361.06 359.83 360 - 20 359·72 359·75 359·78 361-47 360-98 359.82 360-14 360 - 23 359·80 359·80 359·78 359·76 361-44 361-38 360 · 80 360 · 76 360 · 70 360·10 360·07 360 - 25 360-00 359-96 360 · 25 360 · 25 359.37 360 - 00 360-00 359 - 78 31..... 361 - 15 359 - 94

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Rouge River at Table Falls, for 1909-10.

										T	ABLE	No. 309
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1			362·00 361·90 361·75 361·60 361·50	360 · 30 360 · 30 360 · 50 360 · 40 360 · 30	359 · 95 359 · 90 359 · 87 359 · 85 359 · 80	359 · 17 359 · 20 359 · 30 359 · 50 359 · 80	360 · 60 360 · 70 360 · 80 360 · 70 360 · 68	359 · 62 359 · 60 359 · 57 359 · 57 359 · 59	360 · 60 360 · 40 360 · 30 360 · 30 360 · 25	359·70 359·70 359·72 359·70 359·68	360 · 27 360 · 24 360 · 20 360 · 19 360 · 16	359·73 359·80 359·90 360·00 360·30
6			$361 \cdot 35$ $361 \cdot 20$ $361 \cdot 00$ $360 \cdot 90$ $360 \cdot 80$	$360 \cdot 25$ $360 \cdot 20$ $360 \cdot 10$ $360 \cdot 00$ $359 \cdot 90$	359 · 75 359 · 70 359 · 70 359 · 68 359 · 65	360 · 00 360 · 00 359 · 90 359 · 80 359 · 75	360 · 65 360 · 60 360 · 60 360 · 55 360 · 50	359 · 60 359 · 60 359 · 61 359 · 62 : 59 · 63	$360 \cdot 20$ $360 \cdot 10$ $360 \cdot 00$ $359 \cdot 90$ $359 \cdot 85$	359 · 70 359 · 74 359 · 76 359 · 78 359 · 80	$360 \cdot 12$ $360 \cdot 10$ $360 \cdot 08$ $360 \cdot 08$ $360 \cdot 09$	360 · 34 360 · 40 360 · 42 360 · 45 360 · 48
11		365-00	360 · 80 360 · 90 361 · 00 361 · 00 360 · 95	360 · 00 359 · 95 359 · 90 359 · 87 359 · 89	359 · 62 359 · 60 359 · 55 359 · 50 359 · 60	359 · 80 359 · 90 359 · 84 359 · 80 359 · 80	360 · 40 360 · 28 360 · 20 360 · 08 359 · 90	359 · 64 359 · 65 359 · 65 359 · 68 359 · 65	359 · 80 395 · 78 359 · 79 359 · 82 359 · 85	359 · 82 359 · 84 359 · 86 359 · 88 359 · 90	360 · 10 360 · 10 360 · 08 360 · 04 360 · 00	360 · 50 360 · 50 360 · 45 360 · 40 360 · 38
16		364 · 50 364 · 60 364 · 70 364 · 50	360 · 90 360 · 87 360 · 84 360 · 90 360 · 88	$359 \cdot 93$ $360 \cdot 05$ $360 \cdot 20$ $360 \cdot 10$ $359 \cdot 95$	$359 \cdot 55$ $359 \cdot 50$ $359 \cdot 47$ $359 \cdot 45$ $359 \cdot 43$	359 · 85 359 · 90 359 · 90 359 · 88 359 · 80	359 · 70 359 · 70 359 · 68 359 · 65 359 · 64	359 · 70 359 · 75 359 · 80 359 · 90 359 · 92	359 · 90 359 · 95 359 · 95 359 · 94 359 · 94	359 · 92 359 · 94 359 · 95 360 · 00 360 · 05	359 · 90 359 · 80 359 · 75 359 · 70 359 · 70	360 · 35 360 · 33 360 · 30 360 · 30 360 · 32
21		364 · 10 363 · 90 363 · 60 363 · 40 363 · 10	360 · 85 360 · 90 360 · 95 361 · 00 360 · 90	359 · 90 359 · 80 359 · 70 359 · 75 360 · 10	$359 \cdot 42$ $359 \cdot 40$ $359 \cdot 35$ $359 \cdot 30$ $359 \cdot 25$	359·75 359·60 359·50 359·80 360·60	359 · 65 359 · 65 359 · 70 359 · 72 359 · 70	360 · 00 360 · 60 361 · 30 361 · 00	359 · 93 359 · 90 359 · 88 359 · 87 359 · 85	360 · 17 360 · 52 360 · 58 350 · 65 360 · 65	359 · 68 359 · 65 359 · 64 359 · 62 359 · 61	360 · 40 360 · 60 360 · 80 360 · 90 361 · 90
26		362 · 80 362 · 60 362 · 40 362 · 50 362 · 30 362 · 15	360 · 70 360 · 60 360 · 50 360 · 40 360 · 35	$360 \cdot 05$ $359 \cdot 90$ $359 \cdot 95$ $360 \cdot 00$ $360 \cdot 10$ $360 \cdot 00$	$\begin{array}{c} 359 \cdot 22 \\ 359 \cdot 15 \\ 359 \cdot 00 \\ 359 \cdot 10 \\ 359 \cdot 12 \\ 359 \cdot 15 \end{array}$	360·10 360·10 360·20 360·30 360·40	259 · 69 359 · 68 359 · 67 359 · 66 359 · 65 359 · 64	360 · 60 360 · 30 360 · 40 360 · 60 360 · 70	$\begin{array}{c} 359 \cdot 84 \\ 359 \cdot 82 \\ 359 \cdot 80 \\ 359 \cdot 77 \\ 359 \cdot 75 \\ 259 \cdot 73 \end{array}$	$360 \cdot 60$ $360 \cdot 50$ $360 \cdot 40$ $360 \cdot 35$ $360 \cdot 32$ $360 \cdot 30$	359 - 60 359 - 65 359 - 68	$361 \cdot 10$ $361 \cdot 20$ $361 \cdot 00$ $361 \cdot 30$ $361 \cdot 80$ $362 \cdot 20$

Elevations above M.S.L. of Rouge River at Table Falls, for 1910-11.

TABLE No. 310. 363 · 00 363 · 30 363 · 40 361-80 360-35 360-45 359 - 60 359·90 359·70 359 - 70 359 - 83 359-28 361 · 80 362 · 00 362 · 20 360 - 70 360.30 359 - 55 359 - 90 359 · 80 359 · 77 359 · 78 359·30 359·30 359 · 25 359 · 20 358 - 85 358 - 45 358 - 85 361 · 40 362 · 00 360 - 30 359 - 50 359.60 360.00 358 - 45 363 - 30 359 - 50 350.90 350.20 358.80 360.28 350.55 360, 10 363 - 10 362 - 40 362-10 360 - 30 359 - 60 359 - 50 360 - 20 359 - 80 359 - 28 359 - 15 358 - 75 358 - 45 $361 \cdot 80$ $361 \cdot 50$ $361 \cdot 70$ $361 \cdot 80$ $361 \cdot 70$ 359 · 80 359 · 78 359 · 75 359 · 75 360 - 25 359·70 359·75 $359 \cdot 28$ 363-00 362.60 359 - 50 260 - 50 359 - 15 358 - 75 358.40 359 - 55 359 · 27 359 · 25 363 - 00 362 · 60 362 · 50 360 - 20 361 · 00 361 · 40 359 - 10 358 - 70 358 - 30 363 - 30 360 - 15 359 - 78 359 - 58 358 · 70 358 · 70 358-20 363 · 40 363 · 20 362-43 360.08 359.80 359 - 55 361 - 60 359 - 25 359 · 10 359 · 10 358 · 10 358 · 00 9..... 362.30 360.05 359 - 80 350.30 358 - 65 250.85 $359 \cdot 50$ 361 - 60 357 · 95 357 · 90 357 · 80 $362 \cdot 80$ 362 - 25 361.60 360 - 10 359 - 90 359 - 48 361.50 359.82 359 - 30 359 - 10 358-60 $362 \cdot 70$ $362 \cdot 60$ $362 \cdot 50$ $362 \cdot 20 \\ 362 \cdot 10$ $361 \cdot 60$ $361 \cdot 50$ $361 \cdot 40$ 360·10 360·15 359 · 45 359 · 40 361 · 36 361 · 20 359 · 85 359 · 85 $359 \cdot 28$ 360.08 $359 \cdot 10$ 358 - 60 359 - 26 359-10 360.00 358 - 60 360 - 20 361-20 358-60 362 - 30 361-80 361.25 360 - 20 360 - 60 362 - 20 361.65 $361 \cdot 15$ 359.70 360-18 359.30 360 - 50 359.88 $359 \cdot 24$ 359 - 10 358-55 362·10 362·00 360 - 15 357 · 60 357 · 65 357 · 70 361.00 359 - 65 359 - 25 359 - 85 359-20 359-10 358 - 50 359 · 23 359 · 20 361.30 360.90 359 · 60 359 · 50 360 - 10 360.40 359 · 85 359 · 80 359 - 20 359 - 10 358 - 59 359 - 18 362 - 00 361 - 15 359 - 10 358 - 55 360 - 00 $360 \cdot 30$ 362-10 361.00 359.90 $360 \cdot 20$ 362-20 359 - 30 359 - 25 359-65 359 - 18 359-05 358-60 360.00 360.00 360 - 10 357 · 80 357 · 85 357 · 90 362 · 40 362 · 45 360 - 70 359 - 35 360.05 359 - 30 360 - 60 359 - 60 359 - 18 359-05 358-60 360 - 50 359 - 95 $359 \cdot 50$ 359 - 20 359 - 00 358-60 362 - 40 360 - 40 359 - 28 360.05 359.25 359.90 359.40 359 18 350 - 00 358 - 60 362 - 35 359.85 359.35 358 - 55 360 - 35 359 - 28 360.00 359 - 28 359 - 18 359 - 00 26 27 28 360.85 $362 \cdot 30$ 360.35 359 - 30 359 - 90 $359 \cdot 30$ 359-38 359-80 359-90 358-55 358-50 362·30 362·20 360 · 70 360 · 50 359 · 33 359 · 35 359 · 30 359 · 30 359 - 20 360 - 40 360.00 358-95 360 - 45 360-00 359 - 40 359 - 22 358-95 358 - 50 359 · 22 359 · 24 361.90 360.30 360 - 50 359 - 50 360 - 15 359-50 359-88 359-85 359 - 27 358-90 358 - 80 359 - 60 31 . 358-90 358 - 90 360.30 360.00

6 GEORGE V. A. 1916

Elevations above M.S.L. of Rouge River at Table Falls, for 1911-12.

TABLE No. 311.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	359 · 00 359 · 00 358 · 95 358 · 90 358 · 90	364 · 20 364 · 50 364 · 80 364 · 80 364 · 20	362 · 20 362 · 00 361 · 90 361 · 70 361 · 50	360 · 55 360 · 50 360 · 45 360 · 40 360 · 35	359 · 20 359 · 10 359 · 20 359 · 20 359 · 10	358-95 359-95 358-90 358-85 358-90	359·05 359·05 359·05 359·10 359·10	359·20 359·20 359·15 359·10 359·05	359 · 95 359 · 95 359 · 90 359 · 90 359 · 85	360 · 20 360 · 30 360 · 30 360 · 30 360 · 25	359-70 359-65 359-60 359-60 359-60	359 · 25 359 · 25 359 · 20 359 · 15 359 · 10
6	359 · 00 359 · 40 359 · 70 359 · 90 360 · 00	363 · 70 363 · 40 363 · 00 362 · 80 362 · 50	361 · 40 361 · 30 361 · 10 361 · 00 360 · 90	$360 \cdot 30$ $360 \cdot 20$ $360 \cdot 10$ $360 \cdot 00$ $359 \cdot 95$	$359 \cdot 15$ $359 \cdot 15$ $359 \cdot 30$ $359 \cdot 30$ $359 \cdot 35$	359 · 00 359 · 15 359 · 25 359 · 15 359 · 10	$359 \cdot 10$ $359 \cdot 15$ $359 \cdot 15$ $359 \cdot 10$ $359 \cdot 10$	359·00 359·00 359·15 359·35 359·40	359 · 80 359 · 75 359 · 75 359 · 80 359 · 95	$360 \cdot 25$ $360 \cdot 25$ $360 \cdot 20$ $360 \cdot 20$ $360 \cdot 15$	359·55 359·55 359·55 359·50 359·50	359 · 05 359 · 00 358 · 90 358 · 80 358 · 80
11 12 13 14	360 · 20 360 · 30 360 · 50 360 · 90 361 · 20	$362 \cdot 30$ $362 \cdot 00$ $361 \cdot 80$ $361 \cdot 60$ $361 \cdot 50$	360 · 70 360 · 70 360 · 90 361 · 10 361 · 30	359 · 80 359 · 70 359 · 55 359 · 50 359 · 40	359-90 360-00 360-10 359-95 359-80	359 · 10 359 · 10 359 · 00 359 · 00 359 · 00	359·05 359·00 358·95 358·85 358·80	359 · 65 359 · 85 359 · 95 360 · 05 360 · 25	$360 \cdot 25$ $361 \cdot 65$ $361 \cdot 55$ $361 \cdot 55$ $361 \cdot 45$	$360 \cdot 10$ $360 \cdot 10$ $360 \cdot 10$ $360 \cdot 05$ $360 \cdot 05$	359 · 50 359 · 45 359 · 45 359 · 40 359 · 40	358-80 358-80 358-80 358-80 358-80
16	361 · 20 361 · 30 361 · 40 361 · 70 361 · 90	361 · 50 361 · 40 361 · 20 361 · 00 360 · 80	361 · 70 361 · 80 361 · 70 361 · 50 361 · 40	359 · 40 359 · 45 359 · 70 359 · 70 359 · 70	359 · 70 359 · 65 359 · 65 359 · 65 359 · 65	359 · 10 359 · 05 359 · 00 358 · 95 358 · 95	358·75 358·75 358·70 358·70 358·65	360 · 45 360 · 65 360 · 75 360 · 75 360 · 55	361 · 35 361 · 25 360 · 95 360 · 95 360 · 85	359 · 90 359 · 90 359 · 90 359 · 90 360 · 00	359 · 40 359 · 40 359 · 40 359 · 40 359 · 35	358 · 80 358 · 85 358 · 85 358 · 85 358 · 90
21 22 23 24	$362 \cdot 10$ $362 \cdot 20$ $362 \cdot 40$ $362 \cdot 75$ $362 \cdot 90$	360 · 90 360 · 60 360 · 90 360 · 90 360 · 80	361 · 20 361 · 10 361 · 00 360 · 90 360 · 80	359 · 70 359 · 70 359 · 70 359 · 60 359 · 50	359 · 65 359 · 60 359 · 50 359 · 45 359 · 25	358 · 90 358 · 90 358 · 90 358 · 90 358 · 90	358·70 358·70 358·85 358·95 359·05	$360 \cdot 35$ $360 \cdot 15$ $359 \cdot 95$ $359 \cdot 95$ $359 \cdot 85$	360 · 65 360 · 55 360 · 55 360 · 50 360 · 45	360 · 05 360 · 10 360 · 10 360 · 10 360 · 00	359-35 359-35 359-40 359-40 359-40	358 · 95 359 · 00 359 · 00 358 · 95 358 · 95
26. 27. 28. 29. 30.	363·00 363·20 363·50 363·70 363·90	362 · 60 363 · 20 363 · 20 363 · 00 362 · 80 362 · 50	360 · 75 360 · 70 360 · 65 360 · 66	359 · 45 359 · 40 359 · 35 359 · 30 359 · 25 359 · 20	359 · 20 359 · 15 359 · 15 359 · 20 359 · 15 359 · 05	358 · 90 359 · 05 359 · 15 359 · 10 359 · 10	359·15 359·25 359·30 359·30 359·25 359·25	359 · 80 359 · 75 359 · 80 359 · 85 359 · 95	360 · 35 360 · 25 360 · 25 360 · 15 360 · 05 360 · 05	360 · 00 359 · 95 359 · 90 359 · 85 359 · 80 359 · 75	359 · 35 359 · 35 359 · 30 359 · 30	358 · 98 358 · 98 359 · 00 359 · 00 359 · 00

Elevations above M.S.L. of Rouge River at Table Falls, for 1912-13.

TABLE No. 312. 359 · 10 359 · 10 359 · 15 359 · 18 $362 \cdot 70$ $362 \cdot 50$ $362 \cdot 25$ $362 \cdot 10$ 360 · 25 360 · 25 369-30 360-85 360.00 359-70 363 · 40 362 · 70 362 · 40 360 - 45 $359 \cdot 25$ $359 \cdot 20$ $359 \cdot 15$ 360.05 360.25 360 - 90 360 - 10 360 - 60 359-65 360.40 360.90 360.98 360.90 360, 10 360,60 350.63 360 - 30 360 - 20 360 - 10 360 - 35 360 - 95 360-05 360 - 50 359-20 362.00 360 - 20 359 - 15 360.50 360.00 360 - 50 360.95 360-05 360.45 359.60 6 359·25 359·30 360 - 10 359 - 10 360-60 360 - 00 360 - 80 361-15 360 - 00 360-40 $361 \cdot 80$ $361 \cdot 80$ 361-60 361·70 361·60 360-05 360 - 60 361-25 360 - 10 361-40 359.90 361 - 50 360 - 00 359 - 05 360.55 360.00 361-80 361 - 30 360 - 15 360 · 25 360 · 20 359.50 360 - 50 361·40 361·40 359 - 95 360 - 50 362·30 362·60 361 · 30 361 · 28 350.50 $361 \cdot 50$ $359 \cdot 20$ 360.00 360 - 20 359-90 360 - 45 360.05 360 - 20 360 - 15 10 360 - 90 361 - 45 359 - 60 359 · 55 359 · 60 361.00 361.30 361 - 45 359-80 360-40 360-40 360.00 362 - 60 361 - 25 360 - 18 360 - 10 360 · 15 360 · 10 $361 \cdot 00 \\ 361 \cdot 10 \\ 361 \cdot 70$ $361 \cdot 25 \\ 361 \cdot 25$ 361:40 361:40 361:35 359 · 80 359 · 75 359 · 70 361-00. 361-50 360 - 30 360.00 362 · 40 362 · 20 361 · 15 361 · 10 360.05 360 - 20 360-05 360.05 361.30 360 - 10 360.08 362 - 00 361.05 360 - 20 360 - 00: 360.00 362.00 $361 \cdot 45$ 361 - 30 $359 \cdot 70$ 361-30 360 - 00 360 - 10 361.70 361.05 360 - 40 359 - 98 362 - 50 361-60 $361 \cdot 25$ 359-85 361 - 10 360.00 360 - 10 361.40 361-00 360 - 60 359-95 360 - 50 362 - 80 361.40 361 · 35 361 · 50 360-90 360-10 360 - 10 361 · 40 361 · 35 361 · 30 361.00 360 - 90 360 - 60 362 · 95 363 · 25 361 · 50 361 · 50 359-90 360 · 70 360 · 50 360 · 20 360 · 25 360.08 360-90 361-00 361-00 360 - 75 361 - 50 359-90 360 - 10 360.90 361-10 361 - 45 360-40 360-30 360 - 85 361-40 359-87 362 - 80 361-40 359 - 80 360-30 360 - 35 360-40 361.25 360 - 80 361-00 362 - 60 361 - 20 363-00 363 - 10 361 - 40 361.38 359 - 75 360 - 15 360 - 40 360 50 360 - 75 361 - 10 359 - 70 360-05 360 - 45 360 - 50 361.00 363 - 20 361.65 361.00 359-65 360 - 00 360 - 50 360 40 361 - 00 360 - 60 360.95 359-80 363 - 30 364 - 50 361.80 359 - 90 360 - 50 360.30 360.90 360 - 50 360.90 359 - 80 363.30 359 - 95 360 - 45 360 - 25 360 - 90 360.40 $363 \cdot 20$ 364 · 20 364 · 10 362 · 20 · 362 · 40 359 - 45 360 - 00: 360 · 20 360 · 20 360 - 85 $360 \cdot 35$ 360 - 85 $363 \cdot 10$ 360-80 360 - 40 360 - 80 360 - 80 360 - 20 360.30 360 - 50 360-40 360 - 15 360 - 80 360 · 80 360 · 75 362 - 80 30 31 362 · 90 362 · 90 359 · 40 359 · 35 360 - 50 360.35 360 - 18 360 - 85 360 - 10 360 - 20 360 - 00 360 - 70

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Rouge River at Table Falls, for 1913-14.

TABLE No. 313.

					_					A 23	DLE N	0. 313.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	362 · 50 362 · 50 362 · 40 362 · 30 362 · 32	363 · 50 363 · 20 362 · 80 362 · 50 362 · 15	360 · 63 360 · 55 360 · 70 360 · 95 360 · 95	359 · 80 359 · 70 359 · 65 359 · 60 359 · 50	359·05 359·00 358·90 358·80 358·70	358 · 95 358 · 90 358 · 80 358 · 70 358 · 63	359·30 359·20 359·25 359·35 359·40	361 · 95 361 · 80 361 · 65 361 · 50 361 · 40	360 · 80 360 · 75 360 · 70 360 · 70 360 · 65	359-60, 359-60 359-55 359-55 359-50	359 · 55 359 · 55 359 · 50 359 · 45 359 · 43	
6	362 · 23 362 · 10 362 · 00 362 · 00 361 · 85	$362 \cdot 10$ $362 \cdot 00$ $361 \cdot 90$ $361 \cdot 65$ $361 \cdot 50$	360 · 90 360 · 85 360 · 65 360 · 55 360 · 70	359 · 50 359 · 45 359 · 40 359 · 40 359 · 45	$358 \cdot 58$ $358 \cdot 43$ $358 \cdot 30$ $358 \cdot 10$ $358 \cdot 00$	358 · 57 358 · 45 358 · 20 357 · 90 357 · 35	359-40 359-35 359-30 359-25 359-25	361 · 25 361 · 15 361 · 00 361 · 20 361 · 35	$360 \cdot 55$ $360 \cdot 40$ $360 \cdot 25$ $360 \cdot 10$ $360 \cdot 00$	359 · 50 359 · 55 359 · 50 359 · 45 359 · 45	359·45 359·45 359·40 359·35 359·35	358 · 78 358 · 78 358 · 80
11	361 · 80 361 · 70 362 · 10 362 · 30 362 · 40	361 · 35 361 · 20 361 · 00 360 · 85 360 · 75	361 · 00 360 · 95 360 · 90 360 · 80 360 · 70	359 · 48 359 · 55 359 · 65 359 · 78 359 · 90	357 · 95 357 · 85 357 · 80 357 · 20 356 · 70	356 · 20 356 · 20 356 · 20 356 · 70 357 · 20	359-20 359-15 359-10 359-05 359-00	361 · 45 361 · 58 361 · 70 361 · 55 361 · 40	360 · 00 359 · 95 359 · 90 359 · 95 359 · 90	359 · 40 359 · 30 359 · 25 359 · 30 359 · 35	359 · 40 359 · 55 359 · 65 359 · 80 359 · 65	358 · 70 358 · 75 358 · 78
16	362 · 60 362 · 80 362 · 90 363 · 10 363 · 10	360 · 85 360 · 95 361 · 20 360 · 95 360 · 85	360 · 65 360 · 55 360 · 43 360 · 40 360 · 40	$360 \cdot 10$ $360 \cdot 00$ $359 \cdot 95$ $359 \cdot 85$ $359 \cdot 80$	$\begin{array}{c} 356 \cdot 20 \\ \end{array}$	357 · 50 357 · 80 358 · 30 358 · 50 358 · 55	359 · 00 358 · 95 358 · 95 359 · 10 359 · 60	361 · 20 361 · 20 361 · 15 361 · 10 361 · 00	359 · 90 359 · 95 360 · 00 359 · 95 359 · 85	359 · 40 359 · 50 359 · 50 359 · 40 359 · 35	359 · 45 359 · 25 359 · 20 359 · 10 359 · 05	358 · 80 358 · 90 358 · 78
21 22 23 24 25	363 · 00 362 · 70 362 · 65 362 · 80 363 · 20	360 · 70 360 · 90 361 · 15 361 · 35 361 · 20	360·35 360·15 360·00 360·00 359·98	359·75 359·68 359·60 359·50 359·45	356 · 20 357 · 70 358 · 20 358 · 45 358 · 75	358-65 358-75 358-90 359-20 359-30	360 · 10 361 · 00 361 · 80 362 · 20 362 · 35	361·15 361·30 361·30 361·35 361·40	359 · 85 359 · 80 359 · 75 359 · 75 359 · 70	359·30 359·30 359·25 359·20 359·20	359 · 00 358 · 90 358 · 85 358 · 85 358 · 95	358 - 47
26 27 28 29 30 31	363 · 40 363 · 60 363 · 70 363 · 75 363 · 65	361 · 00 361 · 10 361 · 30 361 · 20 360 · 95 360 · 80	359 · 95 359 · 95 359 · 93 359 · 90 359 · 85	$\begin{array}{c} 359 \cdot 40 \\ 359 \cdot 30 \\ 359 \cdot 25 \\ 359 \cdot 20 \\ 359 \cdot 15 \\ 359 \cdot 15 \end{array}$	358 · 45 358 · 70 358 · 85 358 · 95 359 · 00 359 · 00	359 · 30 359 · 35 359 · 45 359 · 40 359 · 35	362 · 40 362 · 55 362 · 60 362 · 75 362 · 00 361 · 95	361 · 40 361 · 30 361 · 10 360 · 90 360 · 85	359 · 65 359 · 60 359 · 50 359 · 45 359 · 50 359 · 55		359·10 359·20 359·20	358 · 85 359 · 60 359 · 95 359 · 95 360 · 00 360 · 05

Elevations above M.S.L. of Rouge River at Table Falls, for 1914-15.

TABLE No 314. $362 \cdot 10$ $362 \cdot 05$ $362 \cdot 00$ 360 · 15 360 · 25 360:60 360 · 25 360 · 30 359·28 359·20 358-70 357 - 60 350.70 360.05 359-80 359 - 85 360 · 15 360 - 50 358 - 80 359-85 359 - 85 357-40 360.35 359·85 359·75 360-49 360-45 358 - 85 356-90 359-75 360-05 360 - 85 360.35 361.85 360-35 360 · 50 360 · 50 359 - 15 356-30 360 - 15 $361 \cdot 40 \\ 361 \cdot 55$ 359-60 359-50 359 - 95 361.00 360.30 359 - 10 358.00 360 - 30 350.60 360 - 15 360-20 360 - 40 $359 \cdot 10$ 355-15 360-45 361.35 359.55 359-35 359 - 95 360-00. 362 · 20 362 · 25 362 · 05 360 · 10 359 · 98 369·30 360·23 360·15 350.08 358 · 95 359 · 05 354 · 60 355 · 20 360.60 361·15 360·80 359.85 359-40 359-50 359 · 95 359 · 90 359-90 360-50 359-05 $360 \cdot 15$ 359-15 360.00 360 - 45 360 - 60 360 - 40 360 - 50 359 - 55 359 - 85 361.70 360.05 359-85 359-25 358-40 360 - 20 $360 \cdot 23$ 360 - 60 359 - 50 359·75 359·70 359 · 80 359 · 70 359 · 65 358 · 75 358 · 75 358 · 95 360-05 360 - 10 361-45 359 · 95 359 · 95 360 - 60 359.80 360.00 360 - 55 359 · 60 359 · 50 359-80 359 - 60 359-03 360 - 35 359 - 60 359.85 $360 \cdot 40$ 359.92 360 - 20 359 - 55 359.80 $360 \cdot 35$ 16 17 359-60 359 · 75 359 · 70 360.80 259.85 350 - 40 250.10 359.00 350.30 360.55 350.75 360 - 15 359.55 359-80 359 - 35 359 - 00 359 - 70 359 - 60 360 - 80 358 - 80 $360 \cdot 95$ $360 \cdot 10$ 360 - 85 359 - 70 359 - 65 358-95 359 63 360-45 360.75 360.70 359 - 65 360 - 20 20 361 - 49 358.40 360.00 360 - 25 359 - 80 360 - 50 360.25 360.75 359 · 70 359 · 65 359.75 362-05 $359 \cdot 80$ 350.00 $358 \cdot 90$ $359 \cdot 95$ $360 \cdot 45$ 360.15 359 - 40 361·75 361·55 360-80 360-00 358-90 359 - 85 360-35 359 - 60 359 - 83 360 - 10 24 25 361.50 360-40 360-10 358 - 75 359-65 360 - 10 359 - 60 359.95 360 - 30 360 - 15 360-10 361.88 360 · 65 360 · 75 360 · 78 357 · 60 358 · 00 359-55 360 - 051 358 - 70 360.05 359 - 60 360-10 360 - 05 360 - 15 360-05 358-65 360 - 00 359 - 65 359 · 80 359 · 75 360.00 360-10 358-60 360.00 359 65 360 - 80 360-20 359-50 358-00 359-95 359-80 359 - 80 360 - 70 359 - 40 358 - 60 359 - 65 359 - 75 359 85

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1870.

TABLE No. 315.

	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
									129-49	130 - 33	129-4
									129 49	130 - 24	129-4
									129 49	130 - 16	129-3
									129 - 49	129 - 99	129 - 3
									129 - 58	129 99	129-2
									123 00	120 00	100.7
									129 - 58	129-91	129 - 2
									129 - 49	129 - 91	129-5
									129 - 49	129 - 83	129-1
									129 - 49	129 - 74	129 - 1
									129 - 41	129 - 66	129 - 0
									129 - 41	129 - 58	128-
									129-41	129 - 49	128-
									129 - 41	129 - 49	128-
									129 - 33	129 - 49	128-
									129.33	129 - 49	128-
									129 - 41	129-49	128 -
									129 - 58	129 - 49	128-
									129.58	129 - 49	128
									129-66	129 - 58	128
									129 - 74	129 - 49	128
									129-83	129 - 49	128
									129-83	129 - 49	128
									129-91	129-49	128
									129.99	129 - 49	128-
									130.08	129 - 49	128-0
									130 - 16	129-49	128-
									130 - 33	129-49	128-
									130 - 41	129 - 41	128-7
									130 - 49		128-
									130 - 41		128-
											128-

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1870-71.

TABLE No. 316 129 24 $129 \cdot 58$ $130 \cdot 16$ 140 - 83 133 - 91 130.08 $^{127 \cdot 83}_{127 \cdot 83}_{127 \cdot 83}$ 129 · 66 129 · 74 129 · 99 128 - 83 128 - 49 140 · 74 140 · 66 127 · 24 127 · 16 127 · 16 133 · 83 133 · 74 129 · 99 129 · 91 129 · 33 129 · 24 130 · 33 130 · 24 128-83 128-83 128 · 49 128 · 49 140-66 140-16 133 - 33 130 - 24 6.7 131 - 83 139 - 99 132 - 99 129-08 128-08 127.33 130.08 130 - 24 128-83 128-49 132 - 33 139 - 91 132 - 74 129 - 08 130 - 16 130 - 16 128 - 49 132 · 83 133 · 66 139 - 66 139 - 41 132 · 41 132 · 24 129-08 128 · 16 128 · 16 130-33 130 - 16 128 - 49 120.83 130,58 130.16 128.40 134 - 33 139 - 16 129 - 74 127 - 16 128 - 66 10 130.83 127.08 129 - 99 134 - 66 $132 \cdot 49$ $132 \cdot 33$ 129·74 129·74 129·74 129.08 129.08 $^{131\cdot 16}_{131\cdot 24}_{131\cdot 24}$ 128.58 128.40 138-91 128 - 16 138 · 66 138 · 41 128-08 128-08 135 - 66 126.99 128 - 41 136 · 33 137 · 16 137 · 91 132 - 16 126-91 13... 138 - 08 129 - 99 128-08 126.91 129 - 91 128 - 58 128 - 33 137-66 132 - 41 130 - 16 128-08 126.99 129-66 128-66 127-99 127-99 127-99 127-91 127-83 137 · 49 137 · 33 137 · 08 132 - 24 126 - 99 131-33 126 · 99 126 · 99 127 · 08 127 · 58 127 · 74 128 · 74 128 · 66 128 · 66 132 - 16 130 · 16 130 · 16 130 · 16 128.74 128.58 128.49 129 · 33 129 · 33 128 · 33 128 · 33 128 · 33 132 · 16 131 · 99 138 · 83 138 · 99 136-83 139 - 08 136-49 131.58 130 - 16 128 - 66 131-16 128-66 128 - 33 127-91 127-99 128-08 128-24 $\begin{array}{c} 127\cdot 83 \\ 127\cdot 74 \\ 127\cdot 66 \\ 127\cdot 66 \\ 127\cdot 58 \end{array}$ 139-83 $136 \cdot 16$ $135 \cdot 74$ $135 \cdot 41$ $131 \cdot 24$ $131 \cdot 16$ $131 \cdot 08$ 130-08 128-58 131-08 129-33 128·33 128·33 140 - 24 129 - 99 128-49 130 - 99 140 - 66 130 · 83 130 · 74 128 - 66 128 - 33 135 · 16 134 · 91 128-33 128-16 129 · 24 129 · 16 132 · 66 132 · 41 140.91 140.99 130.99 129.83 129.83 128 - 66 130.91 130 - 66 128 · 58 128 · 74 129 · 16 132 - 33 141.08 134 - 66 130.66 128-08 127 · 99 127 · 91 127 · 83 127 · 74 127 · 83 134 - 49 134 - 41 134 - 33 130 · 49 130 · 41 129 · 66 129 · 66 128-58 128-58 132 · 24 132 · 16 140.91 130 - 33 140.91 140.83 130 - 33 140 - 74 134 · 16 133 · 99 129.66 130 - 41 128-49 128-49 129.66

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1871–72.

TABLE No. 317.

											···	011.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	131 · 74 131 · 74 131 · 83 131 · 91 132 · 33	138-24 138-41 138-49 138-74 139-16	136 · 33 135 · 99 135 · 91 135 · 83	132 · 58 132 · 41 132 · 24 132 · 16 132 · 16	130 · 33 130 · 24 130 · 16 129 · 99 129 · 91	128-33 128-16 127-99 127-99 127-99	126 · 66 126 · 66 126 · 83 126 · 91 126 · 91	128-66 128-66 128-66 128-83 128-83	128 · 24 128 · 16 128 · 16 128 · 16 128 · 08	127-66 127-66 127-74 127-74 127-74	127-41 127-41 127-41 127-41 127-41	127 · 16 127 · 16 127 · 16 127 · 16 127 · 16
6	131 · 91 131 · 91 131 · 91 132 · 41 133 · 16	139 · 41 139 · 83 139 · 99 140 · 33 140 · 58	135 · 58 135 · 33 135 · 33 135 · 16 134 · 99	132 · 08 131 · 99 131 · 83 131 · 74 131 · 66	129 · 91 129 · 83 129 · 74 129 · 74 129 · 66	127-91 127-83 127-66 127-66 127-41	127-16 127-24 127-16 127-16 127-16	128 · 83 128 · 83 128 · 83 128 · 83 128 · 66	127-99 127-99 127-91 127-91	127 · 74 127 · 74 127 · 74 127 · 83 127 · 83	127-41 127-33 127-33 127-33 127-33	127 · 16 127 · 16 127 · 08 127 · 08 127 · 08
11 12 13 14 15	133 · 91 134 · 16 134 · 24 134 · 24 134 · 33	140 · 58 140 · 58 140 · 33 140 · 33 140 · 33	134-91 134-83 134-66 134-66 134-58	131 · 49 131 · 33 131 · 24 131 · 16 131 · 16	129 · 58 129 · 49 129 · 33 129 · 24 129 · 16	127-41 127-41 127-33 127-33 127-33	127 · 16 127 · 16 127 · 16 127 · 16 127 · 16	128-66 128-66 128-66 128-41 128-74	127 · 91 127 · 91 127 · 91 127 · 91 127 · 91	127 · 74 127 · 74 127 · 74 127 · 74 127 · 66	127 · 24 127 · 24 127 · 24 127 · 24 127 · 24	126-99 126-99 126-99 126-99 126-91
16	134 · 41 134 · 41 134 · 66 134 · 91 135 · 16	139 · 91 139 · 33 138 · 83 138 · 66 138 · 24	134 · 58 134 · 41 134 · 41 134 · 41 134 · 41	131 · 33 131 · 24 131 · 24 131 · 16 130 · 99	129 · 08 128 · 99 128 · 83 128 · 83 128 · 74	127 · 24 127 · 16 127 · 16 127 · 16 127 · 08	127-33 127-41 127-49 127-66 127-66	128 · 83 128 · 91 128 · 99 128 · 83 128 · 83	127-91 127-91 127-91 127-91 127-91	127-66 127-66 127-66 127-66 127-66	127 · 33 127 · 33 127 · 24 127 · 24 127 · 24	126 · 83 126 · 83 126 · 74 126 · 74
21 22 23 24 25	135 · 66 135 · 66 135 · 66 136 · 33 136 · 41	138-08 137-83 137-66 137-41 137-16	134 · 33 134 · 16 133 · 91 133 · 66 133 · 16	131 · 08 130 · 99 130 · 91 130 · 74 130 · 74	128-66 128-58 128-58 128-58 128-58	127-08 127-08 126-99 126-83 126-74	127-66 127-74 127-91 127-99 127-99	128 · 83 128 · 83 128 · 83 128 · 83 128 · 83	127 · 83 127 · 74 127 · 74 127 · 74 127 · 83	127-66 127-58 127-58 127-58 127-58	127-16 127-16 127-16 127-16 127-16	126 · 74 126 · 74 126 · 74 126 · 66 126 · 66
26 27 28 29 30 31	136·74 136·83 137·33 137·41 137·99	136 · 99 136 · 91 136 · 74 136 · 66 136 · 66 136 · 49	132 · 66 132 · 66 132 · 66 132 · 66 132 · 66	130-66 130-58 130-58 130-58 130-58 130-49	128 · 58 128 · 58 128 · 58 128 · 41 128 · 16 128 · 16	126-66 126-66 126-74 126-83 126-66	128 · 16 128 · 33 128 · 33 128 · 41 128 · 41 128 · 41	128-83 128-66 128-41 128-24 128-24	127 · 83 127 · 74 127 · 74 127 · 66 127 · 66 127 · 66	127-58 127-58 127-58 127-49 127-49 127-49	127 - 16 127 - 24 127 - 24 127 - 24	126-66 126-66 126-66 126-66 126-66 126-66

ELEVATIONS above M.S.L. of Ottawa River at Upper Grenville, for 1872-73.

										TA	BLE No	. 318.
1	126 · 66 126 · 66 126 · 66 126 · 66 126 · 66	132 · 66 132 · 91 133 · 24 133 · 58 133 · 74	137 · 83 137 · 66 137 · 49 137 · 49 137 · 41	$132 \cdot 91$ $132 \cdot 58$ $132 \cdot 41$ $132 \cdot 33$ $132 \cdot 49$	130 · 33 130 · 16 130 · 16 130 · 16 130 · 16	128-58 128-58 128-66 128-58 128-66	130-66 130-66 130-66 130-58 130-58	131 · 99 132 · 08 132 · 24 132 · 41 132 · 66	129 · 66 129 · 49 129 · 49 129 · 49 129 · 66	128-99 128-99 128-99 128-91 128-99	128-49 128-49 128-49 128-66 128-91	128-66 128-58 128-58 128-58 128-58
6	126-66 126-74 126-74 127-08 127-66	133-99 134-49 134-74 135-16 135-41	137-41 137-33 137-16 136-99 136-83	132 · 24 132 · 08 131 · 99 131 · 99 131 · 91	130 · 16 129 · 91 129 · 74 129 · 66 129 · 66	128-66 128-74 128-83 128-91 128-91	130-66 130-99 131-33 131-33 131-49	132 · 41 132 · 41 132 · 24 132 · 33 131 · 99	129 - 66 129 - 66 129 - 49 129 - 49 129 - 58	128-99 128-99 128-91 128-91 128-91	128-99 128-91 128-91 129-08 129-24	128 · 58 128 · 66 128 · 66 128 · 66 128 · 58
11	128 · 66 128 · 91 129 · 58 130 · 08 130 · 16	135 · 41 135 · 66 135 · 91 136 · 16 136 · 41	136 · 83 136 · 74 136 · 66 136 · 33 136 · 49	131 · 83 131 · 66 131 · 58 131 · 49 131 · 41	129 · 66 129 · 66 129 · 58 129 · 49 129 · 33	128-91 128-91 128-91 128-91 128-99	131-66 131-49 131-49 131-41 131-33	131-66 131-66 131-74 131-74 131-83	129·58 129·49 129·41 129·33 129·33	128 · 83 128 · 83 128 · 83 128 · 83 128 · 83	129 · 24 129 · 24 129 · 08 128 · 99 128 · 83	$\begin{array}{c} 128 \cdot 58 \\ 128 \cdot 66 \\ 128 \cdot 66 \\ 128 \cdot 66 \\ 128 \cdot 74 \end{array}$
16	130 · 16 130 · 08 130 · 08 130 · 16 130 · 24	136-66 136-66 136-66 136-91 137-16	$135 \cdot 99$ $135 \cdot 66$ $135 \cdot 58$ $135 \cdot 49$ $135 \cdot 16$	131 · 33 131 · 24 131 · 24 131 · 16 131 · 08	128 · 99 128 · 99 128 · 83 125 · 74 12 · 83	129 · 16 129 · 41 129 · 66 129 · 99 130 · 33	131-41 131-24 131-16 130-99 131-66	131 · 83 131 · 74 131 · 74 131 · 66 131 · 66	129 · 33 129 · 33 129 · 24 129 · 24 129 · 16	128 · 74 128 · 83 128 · 74 128 · 83 128 · 83	$\begin{array}{c} 128 \cdot 74 \\ 128 \cdot 66 \\ 128 \cdot 66 \\ 128 \cdot 66 \\ 128 \cdot 58 \end{array}$	128 · 83 128 · 91 128 · 91 128 · 91 128 · 99
21 22 23 24 25	130 · 66 130 · 91 130 · 99 131 · 16 131 · 24	137 · 16 137 · 49 137 · 66 138 · 16 138 · 49	134 · 9.) 134 · 66 134 · 49 134 · 24 134 · 08	130 · 99 130 · 91 130 · 58 130 · 49 130 · 49	128 91 128 99 128 99 128 99 128 91	130 · 99 130 · 99 130 · 99 130 · 99 130 · 91	131 · 66 131 · 66 131 · 91 131 · 83 131 · 66	131-66 131-49 131-49 131-33 131-16	129 · 16 129 · 24 129 · 24 129 · 24 129 · 16	128 · 83 128 · 74 128 · 74 128 · 74 128 · 74	128 · 58 128 · 58 128 · 58 128 · 58 128 · 58	128 · 99 128 · 99 128 · 91 128 · 91 128 · 91
26	131·41 131·66 131·91 132·16 132·24	138 · 16 137 · 83 137 · 74 137 · 74 137 · 66 137 · 66	133 · 74 133 · 66 133 · 49 133 · 33 133 · 16	130 · 41 130 · 41 130 · 41 130 · 33 130 · 41 130 · 33	128 74 128 74 128 66 128 58 128 58 128 58	130 · 91 130 · 74 130 · 74 130 · 74 130 · 66	131 · 66 131 · 74 131 · 99 132 · 41 132 · 08 131 · 83	131 · 16 130 · 66 130 · 33 129 · 99 129 · 99	129-08 129-08 128-99 128-99 128-99 129-08	128 · 66 128 · 66 128 · 66 128 · 66 128 · 58 128 · 58	128-66 128-66 128-66	128 · 91 128 · 91 128 · 83 128 · 83 128 · 99 129 · 16

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Upper Grenville, for 1873–74.

TABLE No. 319.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	129·49	134 · 16	141 · 66	133 · 99,	131-66	129·99	130·24	132 · 66	129-66	129-91	130 · 66	129-49
2	129·58	134 · 24	141 · 08	133 · 91	131-58	130·08	130·33	132 · 74	129-49	129-91	130 · 49	129-58
3	129·91	134 · 49	140 · 74	133 · 83	131-66	129·99	130·33	132 · 91	129-41	129-91	130 · 24	129-83
5	130 · 08	134 · 74	140 · 41	133 · 83	131 · 66	129·83	130 · 41	133 · 08	129·41	129-91	130 · 24	130 · 16
	130 · 74	134 · 99	140 · 16	133 · 83	131 · 49	129·99	130 · 91	132 · 91	129·33	129-83	130 · 16	130 · 41
6	130 · 74	135 · 24	139·99	134 · 08	131·49	129·91	131 · 83	132 · 66	129·24	129 · 91	130·16	130 · 49
	130 · 99	135 · 58	139·58	134 · 24	131·33	129·91	132 · 33	132 · 49	129·49	130 · 16	130·16	130 · 58
8	131 · 16	135 · 83	139 · 16	134 · 16	131 · 33	129·91	132 · 66	132 · 41	129 · 99	130 · 41	130 · 08	130 · 66
9	131 · 33	136 · 33	138 · 83	134 · 16	131 · 08	129·91	132 · 41	132 · 49	130 · 16	130 · 74	130 · 08	130 · 66
10	131 · 49	136 · 49	138 · 74	134 · 16	130 · 74	129·91	132 · 16	132 · 66	129 · 99	130 · 99	129 · 99	130 · 74
11	131-66	137·16	138 - 66	134 · 08	130-66	129·91	132·08	132-49	129 · 99	130 · 99	129 · 91	130 · 66
12	131-99	137·49	138 - 66	133 · 99	130-66	129·83	131·99	132-41	129 · 91	131 · 08	129 · 91	130 · 58
13	132·33	137 · 74	138 · 58	133 · 99	130-66	129·74	131 · 99	132·41	129·83	131 · 08	129 · 83	130 · 41
14	132·83	138 · 16	138 · 41	133 · 91	130-66	129·74	131 · 83	132·41	129·91	131 · 16	129 · 91	130 · 24
15	133·41	138 · 33	138 · 33	133 · 91	130-66	129·74	131 · 66	132·08	130·08	131 · 08	129 · 99	130 · 24
16	133 · 83	138 · 58	138 · 16	133 · 24	130-49	129·74	131·74	132 · 08	130 · 24	131·08	129·91	130-41
	134 · 16	138 · 66	137 · 83	132 · 83	130-41	129·74	131·83	131 · 99	130 · 41	131·08	129·91	130-41
18	134 · 91	138 · 99	137 · 16	132 · 66	130 · 24	129·74	131-83	131 · 83	130 · 58	130 · 83	129 · 91	130 · 58
19	134 · 99	138 · 99	136 · 66	132 · 49	130 · 24	129·66	132-16	131 · 66	130 · 66	130 · 66	129 · 91	130 · 66
20	134 · 99	138 · 83	136 · 41	132 · 41	130 · 24	129·83	132-33	131 · 66	130 · 91	130 · 66	129 · 83	130 · 66
21	134 · 99	138·74	136·16	132 · 41	130 · 24	129·74	132 · 41	131·58	130·74	130 · 58	129·74	130 · 66
22	135 · 08	138·66	136·08	132 · 16	130 · 08	129·74	132 · 41	131·41	130·58	130 · 58	129·74	130 · 99
23	134 · 91	138 · 49	135 · 91	132 · 08	129 · 99	129·74	132 · 58	131 · 16	130 · 49	130 · 66	129.66	131 · 49
24	134 · 91	138 · 49	135 · 83	131 · 99	129 · 83	129·91	132 · 74	130 · 91	130 · 41	130 · 66	129.66	131 · 83
25	134 · 99	138 · 58	135 · 66	131 · 66	129 · 66	129·91	132 · 66	130 · 74	130 · 41	130 · 66	129.58	131 · 83
26	134 · 91	138-66	135 · 41	131 · 83	129 66	129·99	132·83	130-66	130·41	130·74	129·58	131 · 66
27	134 · 58	138-66	135 · 16	131 · 83	129-66	129·99	132·83	130-49	130·33	130·83	129·49	131 · 58
28. 29. 30.	134 · 16 133 · 99 133 · 91	138 · 99 139 · 08	134 · 83 134 · 66	131 · 83 131 · 83	129·58 129·49	129 · 99 130 · 24	132 · 91 132 · 91	130 · 16 129 · 99	130 · 16 129 · 99	130 · 91 130 · 91	129-49	131 · 41 131 · 24
31		139·33 139·41	134 · 49	131 · 66 131 · 49	129·49 129·49	130 · 24	132 · 83 132 · 83	129-91	129·91 129·91	130·83 130·83		131 · 16 130 · 91

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1874–75.

TABLE No. 320. 131 · 83 131 · 74 $\begin{array}{c} 127 \cdot 66 \\ 127 \cdot 66 \\ 127 \cdot 66 \\ 127 \cdot 74 \\ 127 \cdot 83 \end{array}$ 127-49 127-41 127-41 127-49 130 - 83 $137 \cdot 33$ $137 \cdot 16$ $^{128 \cdot 91}_{128 \cdot 83}_{128 \cdot 83}$ 127 - 83 128 · 24 128 · 16 128 - 08 139 - 66 $132 \cdot 16$ $131 \cdot 83$ 127 · 49 127 · 49 127 · 49 127 · 49 127 · 49 130 · 74 130 · 66 139 · 74 139 · 83 127 · 83 127 · 83 127 · 83 128 - 08 131 - 66 136 - 91 131 - 66 128 - 24 $127 \cdot 99$ 129 · 99 130 · 41 $131 \cdot 66$ 130.40 136 - 66 128.74 $128 \cdot 24$ $127 \cdot 99$ $131 \cdot 83$ 139.41 136 - 49 131.08 128 - 66 $127 \cdot 99$ 128 - 24 127 - 91 $127 \cdot 58$ 127 · 4 127 · 49 127 · 49 127 · 49 130 · 24 130 · 16 130 · 16 $127 \cdot 74$ $127 \cdot 83$ $127 \cdot 83$ $127 \cdot 99$ $132 \cdot 16$ 139-33 $136 \cdot 33$ $135 \cdot 99$ $135 \cdot 74$ 131.08 $127 \cdot 58$ 132 · 41 132 · 49 132 · 66 128 · 08 128 · 08 127 · 58 127 · 66 139.33 131 · 08 131 · 08 128 · 41 128 · 33 128-24 128-24 139-41 129 - 99 130.91 10 $129 \cdot 91$ 138-91 135-58 $130 \cdot 74$ 128-16 127 - 99 128 - 24 $127 \cdot 66$ $127 \cdot 49$ 129 · 91 129 · 91 129 · 91 129 · 91 127 · 99 127 · 99 127 · 99 127 · 99 127 · 41 127 · 41 127 · 41 127 · 41 133-91 138-91 134 - 66 130-66 128 - 08 128 - 24 128 - 33 $127 \cdot 91$ $127 \cdot 58$ 128 · 08 127 · 99 127 · 99 127 · 99 127 · 99 127 · 58 127 · 49 127 · 49 127 · 49 127 · 49 135 · 16 135 · 08 130 - 58 127 · 91 127 · 91 127 · 91 134 · 66 135 · 16 130-41 138 - 83 128 - 24 $128 \cdot 33$ 138 - 74 134 - 66 130.41 128.24 128-33 130 - 24 135 - 66 138-66 134 - 49 130 - 24 127 - 99 128-24 128-33 127.83 127 · 99 127 · 91 127 · 99 127 · 99 127 · 83 127 · 74 127 · 74 127 · 66 127 · 49 127 · 49 127 · 49 127 · 49 130-91 $135 \cdot 91$ $136 \cdot 58$ 138 · 66 138 · 58 134 · 41 133 · 99 127 · 99 127 · 99 127 · 99 $128 \cdot 24$ $128 \cdot 24$ 130-16 $128 \cdot 24$ 127 · 49 127 · 49 127 · 41 131 · 08 131 · 41 128-08 130 - 08 18 137 · 16 137 · 41 138-49 129 - 99 19 131 · 58 131 · 74 133.99 129-99 20 138 - 16 127 - 66 138 - 66 $133 \cdot 99$ $129 \cdot 91$ $127 \cdot 99$ 128-41 128 - 24 127 · 66 127 · 58 127 · 58 127 · 58 $\begin{array}{c} 127 \cdot 41 \\ 127 \cdot 41 \\ 127 \cdot 41 \\ 127 \cdot 41 \\ 127 \cdot 41 \end{array}$ $131 \cdot 91$ 138-91 138 - 83 133-66 128 - 24 128 - 24 132·08 132·08 129·74 129·58 139 - 41 139.08 133 - 41 133 - 16 127 · 91 127 · 91 127 · 91 127 · 91 127 · 83 127 · 83 128-08 127 · 49 127 · 49 23 24 139-41 138-91 129 - 49 25 $132 \cdot 16$ 139 - 66 138 - 58 132 - 74 128-16 26 27 28 138 - 49 132 - 74 129-41 128 - 16 127-41 127-49 127-49 127 · 58 127 · 49 127 · 49 127 · 49 127 · 49 127 · 49 127 · 49 127 · 49 127 · 49 127 · 41 127 · 41 132 · 16 132 · 08 139·41 139·41 132 · 66 132 · 41 132 · 33 132 · 16 127 · 83 127 · 74 127 · 66 127 - 66 128 · 24 128 · 24 128 · 24 129 - 41 128 · 08 128 · 16 129-41 29 139-41 129-41 129-33 30 131 - 99 31. 132 - 16 128-99

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Upper Grenville, for 1875-76.

TABLE No. 321.

										1.1	DLE N	J. 021.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1		132 · 66 133 · 16 133 · 66 133 · 83 134 · 16	139·08 138·74 138·58 138·33 137·99	132 · 99 132 · 66 132 · 41 132 · 41 132 · 41	130 · 66 130 · 41 130 · 33 130 · 24 130 · 16		128 · 83 128 · 74 128 · 83 128 · 83 128 · 91	130 · 66 130 · 66 130 · 58 130 · 66 130 · 74	129 · 99 129 · 74 129 · 66 129 · 58 129 · 66	129·41 129·66 129·66 129·66 129·58	130 · 16 130 · 08 130 · 08 129 · 99 129 · 91	129·16 129·16 129·16 129·08 128·99
6		134 · 33 134 · 83 135 · 16 135 · 66 136 · 16	137 · 66 137 · 16 136 · 99 136 · 74 136 · 58	132·33 132·41 132·16 131·99 131·99	130 · 16 130 · 16 130 · 16 130 · 16 130 · 16		128-91 129-41 129-41 129-58 129-66	130 · 74 130 · 83 130 · 74 130 · 83 130 · 83	129-66 129-58 129-66 129-58 129-58	$\begin{array}{c} 129 \cdot 58 \\ 129 \cdot 58 \\ 129 \cdot 58 \\ 129 \cdot 66 \\ 129 \cdot 83 \end{array}$	129 · 83 129 · 74 129 · 74 129 · 66 129 · 66	129 · 08 129 · 33 129 · 99 130 · 66 131 · 16
11		136-66 137-66 138-16 138-66 139-16	136 · 33 136 · 24 136 · 16 135 · 83 135 · 49	131 · 83 131 · 66 131 · 66 131 · 49 131 · 41	130 · 16 130 · 16 130 · 16 130 · 16 130 · 16		129 · 74 129 · 83 129 · 99 129 · 99 130 · 16	130 · 83 130 · 83 130 · 83 130 · 91 130 · 66	129 · 49 129 · 41 129 · 33 129 · 33 129 · 24	$\begin{array}{c} 129\cdot 83 \\ 129\cdot 74 \\ 129\cdot 74 \\ 129\cdot 74 \\ 129\cdot 66 \end{array}$	129 · 66 129 · 66 129 · 58 129 · 58 129 · 66	131 · 41 131 · 16 131 · 41 131 · 41 131 · 24
16		149 · 33 140 · 99 141 · 08 141 · 33 141 · 33	135 · 16 134 · 91 134 · 49 134 · 41 134 · 33	131 · 24 131 · 33 131 · 24 131 · 08 131 · 16	130 · 33 130 · 41 130 · 66 130 · 91 131 · 16		130·41 130·33 130·33 130·33 130·33	130 · 66 130 · 66 130 · 66 130 · 41 130 · 41	129 · 24 129 · 16 129 · 16 129 · 08 128 · 91	$\begin{array}{c} 129 \cdot 58 \\ 129 \cdot 49 \\ 129 \cdot 49 \\ 129 \cdot 66 \\ 129 \cdot 99 \end{array}$	129 · 66 129 · 74 129 · 74 129 · 66 129 · 58	131 · 16 131 · 16 131 · 08 130 · 83 130 · 58
21 22 23 24 25		141 · 24 140 · 99 140 · 83 140 · 66 140 · 49	134 · 16 134 · 08 133 · 99 133 · 66 133 · 58	131 · 24 131 · 24 131 · 08 130 · 91 130 · 99	130 · 91 130 · 99 131 · 08 130 · 99 130 · 91		130 · 58 130 · 41 130 · 16 130 · 16 130 · 24	130 · 41 130 · 33 130 · 41 130 · 58 130 · 66	128 · 91 128 · 91 128 · 99 128 · 99 129 · 08	130 · 33 130 · 33 130 · 41 130 · 41 130 · 49	129 · 49 129 · 49 129 · 49 129 · 49 129 · 41	130 · 49 130 · 49 130 · 58 130 · 58 130 · 66
26		140 · 41 140 · 24 139 · 83 139 · 66 139 · 66 139 · 49	133 · 41 133 · 41 133 · 41 132 · 91 133 · 08	130 · 99 130 · 99 131 · 16 131 · 08 131 · 08	130-33		130 · 41 130 · 41 130 · 33 130 · 33 130 · 16 130 · 41	130·41 130·41 130·41 130·33 130·24	128-99 128-99 128-99 128-91 129-08 129-16	130 · 49 130 · 41 130 · 33 130 · 33 130 · 24 130 · 24	129 · 41 129 · 33 129 · 24 129 · 16	130 · 58 130 · 49 130 · 49 130 · 58 130 · 58 130 · 49

ELEVATIONS above M.S.L. of Ottawa River at Upper Grenville, for 1876-77.

TABLE No. 322 130 · 58 130 · 49 130 · 41 139 · 41 139 · 41 139 · 41 $142 \cdot 83$ 137-16 131 - 99 128 - 74 129-58 130-49 129.33 127-49 142-66 128 - 66 129.74 127-99 127-91 127-91 127-49 136-99 131 - 49 130.41 127 · 49 127 · 49 142.24 136-83 131 - 49 128 - 66 129·91 129·74 129·74 130 - 33 129.33 141 · 66 141 · 16 130 - 41 139 - 66 128 · 66 128 · 58 130 · 24 130 · 24 129 · 33 129 · 08 136 - 49 $131 \cdot 49$ 139.83 127-91 127 - 49 130 - 41 136 - 24 131 - 49 127 · 83 127 · 83 127 · 83 130-41 139 - 99 140.91 129.74 130 - 16 $128 \cdot 99$ 127 · 49 127 · 58 127 · 58 140 · 66 141 · 24 141 · 99 128-91 128-91 130 · 41 130 · 49 140 · 66 140 · 41 $136 \cdot 33$ $136 \cdot 16$ $136 \cdot 24$ 131·33 130·91 128 · 41 128 · 24 $129 \cdot 83$ $130 \cdot 58$ 130 · 16 129 · 99 127 · 83 127 · 83 130 - 58 140 - 16 130.83 130 - 66 129.99 128 - 83 128 - 74 130-66 143.08 139.91 136 - 33 130.83 128-16 130.58 129 - 99 130 - 83 143 - 41 139-66 135 - 83 128-16 130.74 130 - 58 129-91 131 · 16 131 · 49 131 · 99 144 · 16 144 · 66 145 · 16 $139 \cdot 49$ 130.58 128 · 08 127 · 91 127 · 74 130 - 99 129.91 128-66 127 · 83 127 · 83 127 · 74 127 · 58 127 · 49 127 · 49 139 · 41 139 · 41 135 - 66 130 - 41 130.91 129 - 91 128-66 128-66 135.40 130 . 24 131 - 16 129 91 132.83 145-49 139-33 127-74 135 - 16 130 - 16 145.58 $^{127 \cdot 99}_{127 \cdot 74}_{127 \cdot 66}$ $127 \cdot 49$ 133 - 16 130-41 134 - 83 120.00 131 - 33 127 · 74 127 · 74 127 · 83 127 · 91 127 · 91 133.58 131 - 16 129-83 129-74 129-74 127 · 49 127 · 49 127 · 49 145·49 145·49 145·49 139-49 134 - 49 129-91 131 · 16 130 · 99 134 - 33 139.49 128 - 49 139.49 129.91 127 · 91 127 · 83 128-49 128-49 129-74 135-99 130.99 145-41 $139 \cdot 58$ $133 \cdot 66$ $129 \cdot 83$ 127 · 83 127 · 74 127 · 74 127 · 66 127 · 66 127 · 49 127 · 49 127 · 49 127 · 41 127 · 41 145-33 135.00 $133 \cdot 41$ $133 \cdot 24$ $133 \cdot 08$ 130 - 83 136-49 144 · 99 144 · 74 144 · 58 139 · 24 138 · 99 129 · 49 129 · 41 127 · 74 127 · 66 130 - 83 129 - 49 136-66 128 - 24 130 - 83 130 - 83 129 - 41 $138 \cdot 83$ $132 \cdot 74$ $137 \cdot 24$ 144 - 41 138-49 129-16 127 - 58 130 - 83 128-16 144 · 16 144 · 08 143 · 91 143 · 74 127 · 41 127 · 58 127 · 74 127 · 99 130 · 74 130 · 74 130 · 74 26 27 $127 \cdot 66$ $127 \cdot 66$ $127 \cdot 58$ 137 · 99 137 · 83 137 · 41 129 · 33 129 · 33 129 · 33 128-08 138-16 128 · 91 128 · 83 128-08 138-66 130 - 58 128 · 08 127 · 99 127 · 99 138 - 91 143 - 49 137 - 41 127 - 49 130 - 58 128 - 49143 - 24 132 - 49 129.33

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1877-78.

TABLE No. 323.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	128 · 74 129 · 24 129 · 66 129 · 99 130 · 33	135-41 135-41 135-41 135-41 135-41	133 · 83 133 · 66 133 · 49 133 · 33 133 · 16	131-66 131-58 131-49 131-49 131-49	130 · 41 130 · 24 130 · 16 130 · 16 130 · 16	129 · 08 128 · 99 128 · 91 128 · 91	127-66 127-66 127-66 127-74 127-83	129 · 24 129 · 24 129 · 24 129 · 41 129 · 33	131 · 91 132 · 16 132 · 33 132 · 24 132 · 33	130 · 58 130 · 41 130 · 33 130 · 24 130 · 16	129·08 129·08 128·99 128·83 128·66	128·08 127·99 127·99 127·99 128·08
6	130 · 99 130 · 83 130 · 99 131 · 08 131 · 33	135 · 33 135 · 08 134 · 83 134 · 83 134 · 66	132 · 99 132 · 91 132 · 83 132 · 74 132 · 66	131 · 49 131 · 49 131 · 49 131 · 49 131 · 49	130 · 08 129 · 83 129 · 74 129 · 66 129 · 74	128 · 91 128 · 91 128 · 74 128 · 74 128 · 74	127-91 127-91 127-91 127-99 128-16	$\begin{array}{c} 129\cdot 41 \\ 129\cdot 58 \\ 129\cdot 66 \\ 129\cdot 91 \\ 129\cdot 99 \end{array}$	132 · 49 132 · 24 131 · 99 131 · 91 131 · 91	129 · 91 129 · 91 129 · 83 129 · 83 129 · 66	128 · 41 128 · 24 128 · 24 128 · 24 128 · 24	128 · 16 128 · 24 128 · 33 128 · 49 128 · 99
11	131 · 49 131 · 66 131 · 66 131 · 74 131 · 83	134 · 66 134 · 58 134 · 41 134 · 41 134 · 24	132 · 49 132 · 33 132 · 24 132 · 16 132 · 08	131 · 49 131 · 33 131 · 16 131 · 08 130 · 99	129 · 66 129 · 66 129 · 66 129 · 58 129 · 58	$\begin{array}{c} 128 \cdot 74 \\ 128 \cdot 74 \\ 128 \cdot 74 \\ 128 \cdot 66 \\ 128 \cdot 66 \end{array}$	128 · 41 128 · 41 128 · 49 128 · 49 128 · 58	$\begin{array}{c} 129 \cdot 99 \\ 130 \cdot 16 \\ 130 \cdot 16 \\ 130 \cdot 08 \\ 130 \cdot 16 \end{array}$	131 · 83 131 · 91 131 · 91 131 · 91 132 · 08	129 · 74 129 · 83 129 · 83 129 · 83 129 · 74	128 · 24 128 · 24 128 · 24 128 · 16 128 · 08	$\begin{array}{c} 129\cdot 49 \\ 129\cdot 66 \\ 129\cdot 66 \\ 129\cdot 49 \\ 129\cdot 41 \end{array}$
16	$\begin{array}{c} 131 \cdot 91 \\ 132 \cdot 16 \\ 132 \cdot 33 \\ 132 \cdot 49 \\ 132 \cdot 83 \end{array}$	133 · 91 133 · 91 133 · 91 133 · 91 133 · 91	131 · 99 132 · 16 132 · 08 131 · 99 131 · 91	130 · 91 130 · 91 130 · 91 131 · 16 130 · 91	$\begin{array}{c} 129 \cdot 49 \\ 129 \cdot 66 \\ 129 \cdot 74 \\ \cdot 129 \cdot 66 \\ 129 \cdot 66 \end{array}$	$\begin{array}{c} 128 \cdot 58 \\ 128 \cdot 58 \\ 128 \cdot 58 \\ 128 \cdot 49 \\ 128 \cdot 41 \end{array}$	128 · 58 128 · 66 128 · 83 128 · 91 128 · 99	129-91 130-08 130-16 130-08 130-33	131-91 131-83 131-91 131-66 131-41	$\begin{array}{c} 129\cdot 83 \\ 129\cdot 66 \\ 129\cdot 58 \\ 129\cdot 58 \\ 129\cdot 49 \end{array}$	128 · 08 128 · 16 128 · 16 128 · 08 128 · 08	129 · 4 129 · 66 129 · 83 129 · 83 129 · 74
21	133 · 49 133 · 99 134 · 24 134 · 41 134 · 66	133 · 91 134 · 16 134 · 24 134 · 24 134 · 24	131 · 91 131 · 99 131 · 83 131 · 74 131 · 74	130 · 91 130 · 74 130 · 74 130 · 66 130 · 58	$\begin{array}{c} 129\cdot 74 \\ 129\cdot 66 \\ 129\cdot 66 \\ 129\cdot 58 \\ 129\cdot 49 \end{array}$	128 · 41 128 · 33 128 · 24 128 · 16 127 · 91	128 · 99 129 · 16 129 · 33 129 · 41 129 · 41	130 · 58 130 · 91 130 · 91 130 · 99 131 · 08	131 · 33 131 · 33 131 · 24 131 · 16 131 · 08	129 · 41 129 · 41 129 · 33 129 · 24 129 · 24	128.08 127.91 127.99 127.99 128.08	$\begin{array}{c} 129\cdot 74 \\ 129\cdot 66 \\ 129\cdot 58 \\ 129\cdot 49 \\ 129\cdot 41 \end{array}$
26. 27. 28. 29. 30. 31.	134 · 83 135 · 08 135 · 16 135 · 33 135 · 41	134 · 24 134 · 24 134 · 16 134 · 08 133 · 99 133 · 91	131-74 131-74 131-66 131-66	130 · 49 130 · 49 130 · 41 130 · 41 130 · 41 130 · 41	129 · 24 129 · 24 129 · 08 128 · 99 128 · 99 129 · 16	127·74 127·66 127·66 127·58 127·58	129 · 41 129 · 41 129 · 41 129 · 49 129 · 41 129 · 33	131-16 131-49 131-83 131-91 131-91	130 · 99 130 · 99 130 · 99 130 · 91 130 · 83 130 · 66	$\begin{array}{c} 129 \cdot 24 \\ 129 \cdot 16 \\ 129 \cdot 16 \\ 129 \cdot 16 \\ 129 \cdot 16 \\ 129 \cdot 08 \end{array}$	128-16 128-08 128-08	129 · 33 129 · 24 129 · 16 129 · 16 129 · 16 129 · 24

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1878-79.

TABLE No. 324

										IAI	DLE NO	. 324
1	129 · 41 129 · 41 129 · 41 129 · 49 129 · 58	133 · 66 133 · 66 133 · 74 133 · 74 134 · 08	133 · 83 133 · 91 133 · 91 133 · 91 133 · 74	131 · 16 131 · 16 131 · 16 131 · 16 131 · 08	129 · 83 129 · 91 129 · 83 129 · 74 129 · 66	129·08 128·99 128·91 128·74 128·83	130 · 99 130 · 91 130 · 91 130 · 91 130 · 91	135 · 16 135 · 16 135 · 16 134 · 91 134 · 91	133 · 66 133 · 41 133 · 74 134 · 24 134 · 08	131 · 74 131 · 74 131 · 66 131 · 66 131 · 65	129-08 129-16 129-16 129-16 129-16	128 · 83 128 · 83 128 · 83 128 · 83 128 · 83
6	$\begin{array}{c} 129\cdot 66 \\ 129\cdot 83 \\ 129\cdot 99 \\ 129\cdot 99 \\ 130\cdot 16 \end{array}$	134 · 41 134 · 58 134 · 66 134 · 74 134 · 83	133 · 58 133 · 41 133 · 16 133 · 08 132 · 99	131 · 08 131 · 08 131 · 08 131 · 08 131 · 08	129 · 66 129 · 66 129 · 66 129 · 74 129 · 83	$\begin{array}{c} 128 \cdot 74 \\ 128 \cdot 66 \\ 128 \cdot 58 \\ 128 \cdot 49 \\ 128 \cdot 41 \end{array}$	130 · 83 130 · 74 130 · 91 130 · 74 130 · 66	134 · 91 134 · 83 134 · 58 134 · 33 134 · 33	133 · 91 133 · 49 133 · 33 133 · 16 132 · 99	131 · 66 131 · 58 131 · 58 131 · 49 131 · 49	129 · 08 129 · 08 129 · 08 129 · 08 129 · 16	128 · 74 128 · 74 128 · 74 128 · 83 128 · 83
11 12 13 14 15	130 · 16 130 · 49 130 · 99 131 · 41 131 · 66	$134 \cdot 91$ $135 \cdot 16$ $135 \cdot 08$ $135 \cdot 08$ $135 \cdot 08$	$\begin{array}{c} 132 \cdot 91 \\ 132 \cdot 91 \\ 132 \cdot 91 \\ 132 \cdot 74 \\ 132 \cdot 66 \end{array}$	131 · 08 131 · 08 131 · 08 130 · 99 130 · 83	129 · 74 129 · 74 129 · 83 129 · 83 129 · 83	$\begin{array}{c} 128 \cdot 33 \\ 128 \cdot 16 \\ 127 \cdot 99 \\ 128 \cdot 16 \\ 128 \cdot 33 \end{array}$	130 · 74 130 · 66 130 · 83 130 · 99 130 · 99	134 · 16 133 · 99 133 · 83 133 · 74 133 · 66	133 · 49 133 · 74 133 · 91 134 · 16 133 · 99	$131 \cdot 49$ $131 \cdot 49$ $131 \cdot 49$ $131 \cdot 33$ $131 \cdot 16$	$\begin{array}{c} 129\cdot 16 \\ 129\cdot 16 \\ 129\cdot 08 \\ 129\cdot 08 \\ 129\cdot 08 \end{array}$	128 · 83 128 · 83 128 · 91 128 · 91 128 · 99
16 17 18 19	131 · 83 131 · 91 131 · 99 132 · 08	134 · 99 134 · 99 134 · 91 134 · 99 135 · 08	$132 \cdot 66$ $132 \cdot 58$ $132 \cdot 49$ $132 \cdot 41$ $132 \cdot 33$	130 · 66 130 · 58 130 · 58 130 · 49 130 · 49	129 · 74 129 · 83 129 · 91 129 · 99 129 · 99	128-33 128-41 128-58 128-91 129-24	131-33 131-66 131-66 131-83 132-08	133 · 49 133 · 58 133 · 66 133 · 66 133 · 66	133 · 83 133 · 66 133 · 58 133 · 41 133 · 24	130 · 99 130 · 74 130 · 58 130 · 24 129 · 83	129 · 08 129 · 08 128 · 99 128 · 99 128 · 99	128 · 99 128 · 99 128 · 99 128 · 99 129 · 08
21 22 23 24 25	132-49, 132-91, 133-08 133-33 133-41	135 · 16 135 · 08 134 · 99 134 · 83 134 · 66	132 · 16 131 · 99 131 · 91 131 · 83 131 · 74	130 · 49 130 · 49 130 · 49 130 · 33 130 · 16	$\begin{array}{c} 129 \cdot 91 \\ 129 \cdot 91 \\ 129 \cdot 83 \\ 129 \cdot 66 \\ 129 \cdot 58 \end{array}$	$\begin{array}{c} 129 \cdot 91 \\ 130 \cdot 33 \\ 130 \cdot 49 \\ 130 \cdot 66 \\ 130 \cdot 91 \end{array}$	132 · 41 132 · 66 132 · 91 133 · 16 133 · 33	133 · 41 133 · 49 133 · 49 133 · 66 133 · 74	$\begin{array}{c} 133 \cdot 16 \\ 133 \cdot 16 \\ 132 \cdot 99 \\ 132 \cdot 91 \\ 132 \cdot 91 \end{array}$	$\begin{array}{c} 129\cdot 66 \\ 129\cdot 49 \\ 129\cdot 41 \\ 129\cdot 33 \\ 129\cdot 24 \end{array}$	128-99 128-91 128-91 128-91 128-83	129 · 08 129 · 08 129 · 08 128 · 99 128 · 99
26	133-41 133-49 133-49 133-58 133-66	134 · 49 134 · 16 133 · 99 133 · 91 133 · 83 133 · 99	131-66 131-49 131-41 131-41 131-24	$\begin{array}{c} 129 \cdot 99 \\ 129 \cdot 91 \\ 129 \cdot 91 \\ 129 \cdot 91 \\ 129 \cdot 83 \\ 129 \cdot 74 \end{array}$	$\begin{array}{c} 129\cdot 58 \\ 129\cdot 41 \\ 129\cdot 41 \\ 129\cdot 33 \\ 129\cdot 16 \\ 129\cdot 16 \end{array}$	131·16 130·91 130·99 130·99 130·99	133 · 41 133 · 91 134 · 41 134 · 66 134 · 99 135 · 16	133 · 91 133 · 91 134 · 08 134 · 16 134 · 24	$\begin{array}{c} 132 \cdot 83 \\ 132 \cdot 49 \\ 132 \cdot 33 \\ 132 \cdot 08 \\ 131 \cdot 91 \\ 131 \cdot 74 \end{array}$	$\begin{array}{c} 129 \cdot 24 \\ 129 \cdot 24 \\ 129 \cdot 24 \\ 129 \cdot 16 \\ 129 \cdot 16 \\ 129 \cdot 08 \end{array}$	128-83 128-83 128-83	128 · 99 129 · 08 129 · 16 129 · 24 129 · 33 129 · 41

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Upper Grenville, for 1879-80.

TABLE No. 325.

Day.	April.	May.	June.	July.	Aug	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	129.41 129.49 129.58 129.58 129.66	136 · 91 137 · 41 137 · 83 138 · 33 138 · 74	138 · 33 137 · 91 137 · 91 137 · 91 137 · 66	133 · 74 133 · 49 133 · 24 133 · 08 132 · 91	131·99 131·91 131·66 131·41 131·16	129 · 41 129 · 24 129 · 16 129 · 41 129 · 33	129·41 129·33 129·41 129·41 129·33	128 · 24 128 · 16 128 · 08 128 · 08 128 · 16	128 · 66 128 · 83 129 · 08 129 · 41 129 · 49		129 · 74 129 · 74 129 · 74 129 · 66 129 · 66	129 · 41 129 · 58 129 · 74 129 · 99 130 · 16
6 7 8. 9	129-66 129-66 129-66 129-83 129-99	138 · 83 138 · 83 138 · 91 138 · 91 138 · 91	137 · 24 136 · 83 136 · 66 136 · 49 136 · 33	132 · 83 132 · 83 132 · 74 132 · 66 132 · 66	130 · 91 130 · 74 130 · 83 130 · 83 130 · 58	129 · 24 129 · 16 129 · 16 129 · 16 129 · 16	129 · 24 129 · 16 129 · 16 129 · 08 129 · 16	128 · 16 128 · 08 127 · 99 127 · 91 127 · 91	129 · 58 129 · 74 130 · 08 130 · 16 130 · 41		129 · 58 129 · 58 129 · 49 129 · 41 129 · 33	130 · 41 130 · 58 130 · 74 130 · 83 130 · 83
11 12 13 14 15.	130 · 24 130 · 33 130 · 66 130 · 99 131 · 24	138 · 99 139 · 16 139 · 16 139 · 24 139 · 49	136 · 16 135 · 91 135 · 91 135 · 91 135 · 83	132 · 58 132 · 58 132 · 49 132 · 49 132 · 49	130 · 33 130 · 16 130 · 16 130 · 16 130 · 08	129 · 08 128 · 91 128 · 91 128 · 99 129 · 24	129 · 24 129 · 08 128 · 91 128 · 74 128 · 66	127 · 91 127 · 91 127 · 83 127 · 83 127 · 91	130 · 66 130 · 91 131 · 08 131 · 08 131 · 08		129 · 24 129 · 24 129 · 16 129 · 16 129 · 16	130 · 74 130 · 66 130 · 49 130 · 41 130 · 33
16. 17. 18. 19.	131 · 49 132 · 41 132 · 83 133 · 08 133 · 41	139 · 99 140 · 49 141 · 24 141 · 66 141 · 91	135 · 74 135 · 83 135 · 49 135 · 16 135 · 16	132-58 132-41 132-41 132-33 132-33	129 · 99 129 · 91 129 · 91 129 · 91 129 · 66	129 · 41 129 · 66 129 · 66 129 · 74 129 · 66	128 · 66 128 · 66 128 · 74 128 · 74 128 · 66	128 · 41 128 · 49 128 · 49 128 · 49 128 · 58	131 · 08 131 · 08 130 · 99 130 · 83 130 · 66		129 · 16 129 · 16 129 · 08 129 · 08 129 · 08	130 · 24 130 · 08 129 · 99 129 · 91 129 · 83
21 22 23 24 25	133 · 74 133 · 83 133 · 99 134 · 16 134 · 41	141 · 99 141 · 83 141 · 66 141 · 49 141 · 16	135 · 16 134 · 99 134 · 83 134 · 66 134 · 49	132 · 33 132 · 33 132 · 16 131 · 99 131 · 83	129 · 66 129 · 66 129 · 66 129 · 66 129 · 58	129 · 66 129 · 66 129 · 66 129 · 58 129 · 58	128 · 66 128 · 66 128 · 74 128 · 74 128 · 83	128 · 91 128 · 66 128 · 66 128 · 58 128 · 66	130 · 58 130 · 49		128-99 129-08 129-16 129-24 129-24	129 · 83 129 · 74 129 · 74 129 · 66 129 · 58
26 27 28 29 30 31	134-58 134-91 135-33 135-99 136-16	149 · 83 140 · 41 139 · 91 139 · 49 139 · 16 138 · 74	134·41 134·33 134·33 134·16 133·83	131·74 131·91 · 132·08 132·16 132·08 132·16	129 · 58 129 · 49 129 · 41 129 · 49 129 · 49 129 · 58	129·58 129·58 129·49 129·41 129·41	128 · 74 128 · 58 128 · 41 128 · 33 128 · 33 128 · 33	128 · 49 128 · 66 128 · 74 128 · 91 128 · 66	130 · 41 130 · 41 130 · 33 130 · 33 130 · 24 130 · 16		129-24 129-33 129-33 129-33	129 · 49 129 · 41 129 · 41 129 · 49 129 · 49 129 · 49

ELEVATIONS above M.S.L. of Ottawa River at Upper Grenville, for 1880-81.

TABLE No. 326.

										1A	BLE VO	49 128·33 41 128·24 41 128·24 33 128·24 33 128·24							
1	129 · 74 129 · 99 130 · 33 131 · 41 132 · 66	137 · 66 137 · 66 137 · 49 137 · 66 137 · 83	139 · 49 139 · 16 138 · 99 138 · 83 138 · 66	134 · 91 134 · 66 134 · 49 134 · 41 134 · 33	131 · 99 131 · 83 131 · 74 131 · 58 131 · 49	129·33 129·24 129·24 129·24 129·33	128 · 74 128 · 66 128 · 83 129 · 16 129 · 33	130 · 41 130 · 41 130 · 33 130 · 33 130 · 41	$132 \cdot 08$ $131 \cdot 99$ $131 \cdot 99$ $131 \cdot 91$ $131 \cdot 83$	129 · 74 129 · 74 129 · 66 129 · 66 129 · 58	128-49 128-41 128-41 128-33 128-33	128-24 128-24 128-21							
6	133 · 66 133 · 74 133 · 91 133 · 83 133 · 83	137 · 99 138 · 16 138 · 33 138 · 66 139 · 16	138-66 138-49 138-41 138-33 138-24	134 · 24 133 · 99 133 · 49 133 · 41 133 · 33	131 · 41 131 · 24 131 · 16 130 · 99 130 · 91	129 · 33 129 · 41 129 · 41 125 · 49 129 · 49	129 · 66 129 · 41 129 · 58 129 · 66 129 · 66	130 · 24 130 · 41 130 · 58 130 · 91 131 · 41	131 · 66 131 · 49 131 · 41 131 · 33 131 · 24	129 · 58 129 · 58 129 · 49 129 · 49 129 · 41	128 · 24 128 · 16 128 · 16 128 · 16 128 · 24	128-33 128-33 128-41 128-41 128-49							
11	133 · 83 133 · 66 133 · 49 133 · 58 133 · 66	139 · 33 139 · 66 139 · 83 140 · 16 140 · 49	$138 \cdot 16$ $138 \cdot 08$ $137 \cdot 99$ $137 \cdot 83$ $137 \cdot 74$	133 · 24 133 · 16 132 · 99 132 · 83 132 · 66	130 · 83 130 · 74 130 · 66 130 · 58 130 · 49	129 · 49 129 · 41 129 · 33 129 · 24 129 · 16	129 · 66 129 · 91 129 · 74 129 · 66 129 · 74	132 · 41 133 · 49 133 · 91 133 · 91 133 · 99	131 · 16 130 · 99 130 · 83 130 · 74 130 · 83	129-41 129-33 129-33 129-33 129-24	128 · 33 128 · 41 128 · 49 128 · 58 128 · 49	$\begin{array}{c} 128 \cdot 49 \\ 128 \cdot 49 \\ 128 \cdot 58 \\ 128 \cdot 66 \\ 128 \cdot 74 \end{array}$							
16	133 · 74 133 · 91 133 · 91 134 · 49 134 · 91	140 · 66 140 · 66 140 · 66 140 · 74 140 · 66	$137 \cdot 66$ $137 \cdot 58$ $137 \cdot 41$ $137 \cdot 16$ $136 \cdot 99$	132 · 58 132 · 41 132 · 33 132 · 24 132 · 16	130-49 139-41 130-33 130-16 130-08	129 · 16 129 · 08 129 · 08 129 · 16 129 · 16	129 · 74 129 · 83 129 · 91 129 · 99 130 · 08	133 · 99 134 · 08 134 · 24 134 · 08 133 · 74	130 · 83 130 · 83 130 · 74 130 · 74 130 · 74	129 · 24 129 · 24 129 · 16 129 · 16 129 · 16	128 · 58 128 · 58 128 · 49 128 · 49 128 · 49	128 · 83 129 · 08 129 · 49 129 · 74 130 41							
21. 22. 23. 24. 25.	135 · 08 135 · 16 135 · 58 125 · 91 136 · 16	140 · 49 140 · 33 140 · 49 140 · 33 140 · 33	136·74 136·58 136·33 135·99 135·91	132 · 24 132 · 16 132 · 08 131 · 99 131 · 99	129 · 91 129 · 91 129 · 91 129 · 71 129 · 66	129 · 08 128 · 99 128 · 83 128 · 74 128 · 66	130 · 16 130 · 16 130 · 16 130 · 24 130 · 16	133 · 41 133 · 16 132 · 91 132 · 74 132 · 49	130 · 66 130 · 58 130 · 49 130 · 41 130 · 33	129 · 16 129 · 08 129 · 08 128 · 99 128 · 91	128 · 49 128 · 49 128 · 41 128 · 33 128 · 33	130 · 91 131 · 41 131 · 41 131 · 24 131 · 08							
26	136·58 136·91 137·08 137·24 137·49	140-33 140-16 139-99 139-91 139-66 139-66	135 · 83 135 · 74 135 · 66 135 · 58 135 · 16	131.99 131.99 131.91 131.99 131.91	$\begin{array}{c} 129\cdot 66 \\ 129\cdot 49 \\ 129\cdot 41 \\ 129\cdot 66 \\ 129\cdot 41 \\ 129\cdot 33 \end{array}$	128-66 128-66 128-74 128-66 128-74	129 · 99 130 · 08 130 · 16 130 · 16 130 · 16 130 · 41	132 · 41 132 · 24 132 · 24 132 · 16 132 · 16	130 · 33 130 · 33 130 · 33 130 · 24 130 · 08 129 · 91	128 · 83 128 · 83 128 · 74 128 · 66 128 · 58 128 · 49	128 · 24 128 · 24 128 · 33	130 · 91 130 · 66 130 · 33 130 · 08 129 · 91 129 · 83							

6 GEORGE V. A. 1916

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1881-82.

TABLE No. 327.

					TABLE 10. 021.							
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
12345	130·08 129·99 129·99 129·91 129·66	134·41 135·16 135·91 135·99 135·91	136 · 74 136 · 49 136 · 33 136 · 24 136 · 08	130 · 99 130 · 91 130 · 91 130 · 91 130 · 91	129 · 41 129 · 41 129 · 41 129 · 41 129 · 33			128 · 16 128 · 16 128 · 33 128 · 33 128 · 33	128 · 66 128 · 74 128 · 74 128 · 49 128 · 16	128 · 16 128 · 16 128 · 24 127 · 91 127 · 66	127 · 24 127 · 24 127 · 33 127 · 24 127 · 24	127-66 127-83 129-08 129-58 129-58
6	129 · 49 129 · 41 129 · 33 129 · 24 129 · 41	136 · 08 136 · 33 136 · 08 135 · 91 135 · 66	135 · 83 135 · 66 135 · 33 135 · 08 134 · 83	130-91 130-91 130-83 130-83 130-74	129·33 129·33 129·33 129·16 128·99	127 · 49 127 · 49 127 · 41 127 · 41 127 · 33		$\begin{array}{c} 128 \cdot 41 \\ 128 \cdot 41 \\ 128 \cdot 58 \\ 128 \cdot 66 \\ 128 \cdot 83 \end{array}$	$\begin{array}{c} 128 \cdot 24 \\ 128 \cdot 24 \\ 127 \cdot 99 \\ 127 \cdot 91 \\ 127 \cdot 91 \end{array}$	127 · 58 127 · 49 127 · 41 127 · 41 127 · 41	127 · 16 127 · 08 126 · 99 126 · 99 126 · 99	129-49 129-49 129-08 128-99 128-99
11	$\begin{array}{c} 129\cdot58 \\ 129\cdot49 \\ 129\cdot41 \\ 129\cdot41 \\ 129\cdot41 \end{array}$	136 · 16 136 · 33 136 · 66 137 · 08 137 · 49	134-66 134-41 134-16 133-91 133-66	130-66 130-58 130-49 130-33 130-16	128 · 83 128 · 74 128 · 66 128 · 58 128 · 49	127 · 24 127 · 24 127 · 16 126 · 99 126 · 91		128 · 74 128 · 74 128 · 83 128 · 83 128 · 91	127 · 83 127 · 74 127 · 74 127 · 83 127 · 91	127 · 49 127 · 49 127 · 41 127 · 41 127 · 33	127 · 08 126 · 99 127 · 08 127 · 16 127 · 24	128-91 128-83 128-66 128-58 128-49
16. 17. 18. 19. 20.	129.58 129.66 129.74 129.83 129.91	137-91 137-91 138-16 138-41 138-41	133 · 33 132 · 99 132 · 74 132 · 58 132 · 49	129 · 91 129 · 83 129 · 74 129 · 66 129 · 58	128-41 128-33 128-24 128-16 128-16	126 · 66 126 · 66		128 · 99 129 · 08 129 · 16 129 · 24 129 · 33	127 · 99 127 · 91 127 · 83 127 · 74 127 · 66	127 · 24 127 · 33 127 · 24 127 · 24 127 · 24	127 · 41 127 · 58 127 · 74 127 · 83 127 · 91	128-41 128-33 128-24 128-24 128-16
21 22 23 24 25	130 · 08 130 · 24 130 · 33 130 · 41 130 · 58	138 · 41 138 · 33 138 · 24 138 · 16 137 · 91	132 · 41 132 · 16 131 · 99 131 · 83 131 · 66	129·49 129·41 129·41 129·41 129·41	128.08 128.08 127.99 127.99 127.91			129 · 33 129 · 24 129 · 08 128 · 83 128 · 66	127 · 66 127 · 58 127 · 66 127 · 58 127 · 58	127 · 16 127 · 16 127 · 16 127 · 16 127 · 16	127 · 83 127 · 66 127 · 49 127 · 41 127 · 33	128 · 24 128 · 08 128 · 16 128 · 08 128 · 08
26 27 28 29 30	131 · 24 131 · 66 132 · 33 133 · 16 133 · 58	137-66 137-49 137-33 137-16 137-08 136-99	131 · 58 131 · 49 131 · 41 131 · 24 131 · 08	$\begin{array}{c} 129\cdot 49 \\ 129\cdot 49 \\ 129\cdot 41 \end{array}$	127 · 83 127 · 74 127 · 74 127 · 66 127 · 58 127 · 49	126 · 66 126 · 49 126 · 49 123 · 58 126 · 58		128 · 66 128 · 66 128 · 66 128 · 58 128 · 58	127 · 58 127 · 49 127 · 49 127 · 49 127 · 91 128 · 16	127 · 16 127 · 08 127 · 08 127 · 16 127 · 24 127 · 33	127 · 24 127 · 16 127 · 49	128 · 16 128 · 24 128 · 33 128 · 41 128 · 66 128 · 83

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1882-83.

TABLE No. 328. 138-41 135-91 $131 \cdot 24$ 131 - 74 129-99 134 - 16 $132 \cdot 41$ 130.66 $128 \cdot 99$ $128 \cdot 91$ 134 · 41 134 · 66 138 · 49 138 · 24 138 · 33 135 · 83 135 · 83 135 · 66 131-66 129 - 99 130 - 49 129 - 19 128 · 49 128 · 49 127 · 83 127 · 74 127 · 74 $131 \cdot 16$ 131 · 91 131 · 91 131 · 49 131 · 33 129 · 99 129 · 99 130 · 41 130 · 33 129.41 $131 \cdot 16$ 128 - 99 129 - 41 128 - 49 131 - 16 129-16 134 - 66 131 - 16 129.99 129.24 $131 \cdot 08$ 129 - 49 134 - 66 138-16 131 · 58 131 · 41 130 - 08 129-16 128-41 135.49 131.08 130.99 130 - 24 135 - 24 129-49 134 - 66 138-16 $130 \cdot 99$ $130 \cdot 91$ $130 \cdot 08$ $130 \cdot 24$ 129-08 129-66 134 - 66 138 · 08 137 · 99 137 · 99 131-08 130 - 83 130 · 74 130 · 74 130.08 130-41 129.08 128-41 134 - 74 134.83 131-16 130.83 130.08 129.08 128-41 127-49 130.74 128.33 $130 \cdot 40$ $134 \cdot 66$ 130.83 $130 \cdot 08$ 130 - 24 $128 \cdot 99$ 137 · 74 137 · 41 137 · 24 137 · 08 127 · 41 127 · 41 127 · 33 127 · 33 130-41 134-91 130-83 128 · 33 128 · 24 130 - 24 134 · 99 135 · 16 $134 \cdot 49$ 130-91 130.66 130.33 129 · 99 129 · 99 128-91 128-91 134·41 134·33 130.49 $130 \cdot 74$ 130.49 129.91 130 - 74 130 - 49 130 - 49 $129 \cdot 83$ 136-91 134-16 130 - 74 130 - 49 130.74 129.91 128 - 24 129.91 133 - 83 130.91 130 - 74 130 - 24 130 - 74 128-24 129 · 83 129 · 83 129 · 74 129 · 74 129 · 66 133 - 74 130.83 130 - 66 130 - 24 130.83 128 · 74 128 · 74 128-58 130 · 16 130 · 33 136 - 58 136 · 83 136 · 74 133 - 66 131.41 126.41 130.33 131 - 66 136 - 58 136-74 130.91 130 - 49 128 - 66 128-24 $131 \cdot 49$ 136.66 136 - 83 131-66 130 - 49 131-66 129-66 128.66 132 - 16 136 - 83 133 · 08 132 · 74 131-91 132-08 130.99 130 · 41 130 · 33 131 · 49 131 · 33 129 · 66 129 · 66 128 - 66 136 · 91 137 · 16 130.99 128 - 16 $132 \cdot 49$ 136.91 131.99 131.08 130 - 24 129 - 66 128 - 58 $127 \cdot 99$ 26 27 28 132-74 136-66 132-41 131-91 131 - 16 130-16 130 - 99 133 · 41 133 · 74 138 · 16 137 · 91 137 · 91 136 · 49 136 · 33 136 · 24 130 - 91 129 · 58 129 · 58 129 · 49 130 - 16 130-16 128-49 128-49 29 $131 \cdot 66$ 130 - 83 136-08 132 - 41 130 - 74

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Upper Grenville, for 1883-84.

TABLE No. 329.

		TA										IBLE No. 329.		
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.		
1	127 · 24 127 · 24 127 · 16 127 · 16 127 · 16	133 · 66 133 · 41 133 · 41 133 · 58 133 · 66	136 · 99 136 · 99 136 · 91 136 · 83	136 · 66 136 · 74 136 · 83 136 · 83 136 · 91	133 · 49 133 · 33 133 · 16 133 · 08 132 · 91	130·41 130·33 130·24 130·16 129·99	129·91 129·99 129·99 129·99 129·99	130·74 130·83 130·83 130·91 130·99	132·91 132·66 132·41 132·08 131·74	130·33 130·16 130·08 129·99 129·99	128 · 83 128 · 74 128 · 66 128 · 58 128 · 49	128-08 128-08 127-99 127-91 127-91		
6	127 · 24 127 · 24 127 · 33 127 · 49 127 · 83	$133 \cdot 74$ $133 \cdot 83$ $134 \cdot 16$ $134 \cdot 33$ $134 \cdot 16$	$136 \cdot 74$ $136 \cdot 66$ $136 \cdot 58$ $136 \cdot 41$ $136 \cdot 5o$	136 · 66 136 · 41 136 · 41 136 · 16 135 · 91	132.74 132.66 132.58 132.41 132.08	$\begin{array}{c} 129 \cdot 91 \\ 129 \cdot 91 \\ 129 \cdot 83 \\ 129 \cdot 83 \\ 129 \cdot 91 \end{array}$	129 · 91 129 · 99 129 · 99 129 · 91 129 · 83	131 · 08 131 · 33 131 · 41 131 · 58 131 · 74	121 · 66 131 · 66 131 · 74 131 · 91 131 · 91	129 · 99 129 · 91 129 · 91 129 · 83 129 · 74	128 · 41 128 · 41 128 · 33 128 · 24 128 · 16	127 · 83 127 · 83 127 · 74 127 · 74 127 · 74		
11 12 13 14 15	$\begin{array}{c} 128 \cdot 49 \\ 129 \cdot 99 \\ 131 \cdot 16 \\ 132 \cdot 66 \\ 133 \cdot 58 \end{array}$	$134 \cdot 91$ $135 \cdot 33$ $135 \cdot 74$ $135 \cdot 74$ $135 \cdot 74$	$136 \cdot 24$ $136 \cdot 41$ $136 \cdot 41$ $136 \cdot 49$ $136 \cdot 49$	$135 \cdot 66$ $135 \cdot 49$ $134 \cdot 99$ $134 \cdot 99$ $135 \cdot 16$	132 · 08 131 · 99 131 · 91 131 · 91 131 · 58	$\begin{array}{c} 129 \cdot 83 \\ 129 \cdot 83 \\ 129 \cdot 91 \\ 129 \cdot 99 \\ 130 \cdot 16 \end{array}$	129 · 83 129 · 74 129 · 74 129 · 83 129 · 99	131 · 99 131 · 99 132 · 08 132 · 08 132 · 16	131 · 83 131 · 74 131 · 66 131 · 58 131 · 49	$\begin{array}{c} 129\cdot 66 \\ 129\cdot 58 \\ 129\cdot 49 \\ 129\cdot 49 \\ 129\cdot 41 \end{array}$	128.08 128.08 127.99 127.99 127.99	127 · 74 127 · 74 127 · 74 127 · 83 127 · 83		
16	134 · 41 134 · 74 134 · 83 134 · 91 134 · 99	$135 \cdot 83$ $135 \cdot 74$ $135 \cdot 91$ $135 \cdot 91$ $135 \cdot 74$	$136 \cdot 41$ $136 \cdot 41$ $136 \cdot 49$ $136 \cdot 49$ $136 \cdot 66$	135 · 16 135 · 16 135 · 33 135 · 41 135 · 41	131 · 24 130 · 99 130 · 91 130 · 91 130 · 99	$130 \cdot 16$ $130 \cdot 16$ $130 \cdot 16$ $130 \cdot 08$ $129 \cdot 99$	130 · 24 130 · 33 130 · 41 130 · 58 130 · 83	132 · 16 122 · 16 131 · 99 131 · 91 131 · 91	131 · 24 131 · 08 130 · 91 130 · 99 130 · 83	$\begin{array}{c} 129\cdot 41 \\ 129\cdot 33 \\ 129\cdot 24 \\ 129\cdot 16 \\ 129\cdot 16 \end{array}$	$\begin{array}{c} 127 \cdot 99 \\ 128 \cdot 08 \\ 128 \cdot 08 \\ 128 \cdot 16 \\ 128 \cdot 16 \end{array}$	127 · 83 127 · 83 127 · 83 127 · 83 127 · 83		
21 22 23 24 25	$135 \cdot 16$ $135 \cdot 08$ $134 \cdot 99$ $134 \cdot 91$ $134 \cdot 91$	$135 \cdot 66$ $135 \cdot 66$ $135 \cdot 83$ $136 \cdot 24$ $136 \cdot 58$	$\begin{array}{c} 136\cdot 66 \\ 136\cdot 74 \\ 136\cdot 49 \\ 136\cdot 41 \\ 136\cdot 33 \end{array}$	$135 \cdot 23$ $135 \cdot 33$ $134 \cdot 83$ $134 \cdot 66$ $134 \cdot 66$	130 · 91 130 · 91 130 · 91 130 · 91 130 · 91	$\begin{array}{c} 129 \cdot 91 \\ 129 \cdot 91 \\ 129 \cdot 83 \\ 129 \cdot 74 \\ 129 \cdot 91 \end{array}$	130 · 83 130 · 74 130 · 66 130 · 74 130 · 66	131 · 99 132 · 08 132 · 08 132 · 16 132 · 24	$\begin{array}{c} 130 \cdot 74 \\ 130 \cdot 58 \\ 130 \cdot 49 \\ 130 \cdot 41 \\ 130 \cdot 41 \end{array}$	$\begin{array}{c} 129 \cdot 16 \\ 129 \cdot 16 \\ 129 \cdot 08 \\ 129 \cdot 08 \\ 128 \cdot 99 \end{array}$	128 · 16 128 · 08 128 · 08 127 · 99 128 · 08	127 · 91 127 · 99 128 · 08 128 · 33 128 · 99		
26 27 28 29 30 31	134 · 33 134 · 24 134 · 16 133 · 99 133 · 91	136 · 58 136 · 66 136 · 83 136 · 66 136 · 66 136 · 58	136 · 33 136 · 41 136 · 41 136 · 41 136 · 41	134 · 49 134 · 33 133 · 99 133 · 91 133 · 83 133 · 66	130 · 83 130 · 66 130 · 66 130 · 58 130 · 58 130 · 41	129·83 129·83 129·74 129·83 129·83	130 · 66 130 · 66 130 · 74 130 · 74 130 · 74 130 · 83	132·41 132·66 133·16 133·16	$\begin{array}{c} 130 \ 41 \\ 130 \cdot 41 \\ 130 \cdot 49 \\ 130 \cdot 41 \\ 130 \cdot 41 \\ 130 \cdot 41 \end{array}$	$\begin{array}{c} 128 \cdot 91 \\ 128 \cdot 83 \\ 128 \cdot 74 \\ 128 \cdot 66 \\ 128 \cdot 66 \\ 128 \cdot 66 \end{array}$	128-08 128-08 128-16 128-16	129 · 83 130 · 66 131 · 58 132 · 66 133 · 58 133 · 66		

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1884-85.

TABLE No. 330. 133-49 135 - 99 136 - 83 $132 \cdot 33$ $132 \cdot 24$ 129.24 128-74 1...... 130-91 128 - 83 131-66 130.91 131.58128-74 128-74 128-74 128-74 128-74 133 · 49 133 · 41 136 - 91 131.66 136 - 66 130 - 99 128-99 128 · 83 128 · 91 130 - 91 132 · 24 132 · 08 136 - 99 136 - 49 131 - 99 131-08 128.99 131 - 66 130 - 91 137 · 41 137 · 58 136 - 33 131 - 16 128-91 128-91 131.58 130.91 133 - 16 136-16 $131 \cdot 24$ 128.91 $128 \cdot 99$ 131.66 $130 \cdot 91$ 131 - 91 6..... 133 · 08 132 · 91 132 · 66 137 · 83 137 · 91 138 · 24 135 - 83 131.74 131 · 74 131 · 74 131 · 83 $131 \cdot 49$ 131.99 131-49 $135 \cdot 58$ $135 \cdot 41$ $135 \cdot 24$ 131 · 74 131 · 58 132 · 33 133 · 41 133 · 24 128 · 58 128 · 58 131 · 49 131 · 49 131 · 41 $128 \cdot 83 \\ 128 \cdot 83$ 129 · 16 129 · 33 129 · 41 131 · 83 131 · 66 131-83 131 - 49 10. 132.66 138-66 135.08 131 - 41 128.74 129 - 41 131-41 133.08 131.91 128-41 138-83 $134 \cdot 99$ 131-16 131·33 131·33 128.74 129 - 41 131 - 33 132 - 91 131-91 134 - 91 128.74 128.74 129.41 128 · 33 128 · 33 133 · 66 133 · 74 138-66 134 · 83 134 · 74 129 · 41 129 · 49 129 · 49 130.99 131 - 24 131 - 33 132 · 83 132 · 83 132 · 74 132.08 131.74 138-66 128-66 128-49 131 · 24 131 · 16 $130 \cdot 99$ 131·08 130·99 15..... 138-83 134-66 130 - 99 131.58 128.33 138-66 16 $134 \cdot 58$ $134 \cdot 24$ $134 \cdot 08$ 130.91 130.91 129.66 131-16 $132 \cdot 74$ $132 \cdot 66$ $132 \cdot 33$ 131-41 $128 \cdot 24$ $128 \cdot 24$ 138-66 128 - 49 129 · 66 129 · 74 129 · 74 $131 \cdot 16$ $131 \cdot 16$ 131 · 33 131 · 24 130 - 83 128 - 16 134 - 83 138 · 49 138 · 49 133.99 130 - 74 130 - 49 128 - 49 134 - 99 129.74 130 - 66 130.33 $128 \cdot 58$ 130 - 91 131-66 $128 \cdot 16$ 135-33 130 - 16 138-49 133.74 130 - 66 $128 \cdot 49$ 129 - 66 131.08 131-66 130.74 $128 \cdot 08$ 129·74 129·91 135.66 135.74 138 - 49 133 · 58 133 · 33 133 · 24 130 · 49 130 · 49 130 · 49 130 · 24 129 · 99 129 · 91 128 - 49 130 · 91 130 · 58 130 · 74 131.66 130 - 74 128 · 08 128 · 08 128 · 08 138 - 41 131·83 131·74 130 · 66 130 · 58 128 · 49 128 · 41 129.91 135 - 91 138 - 16 130 - 33 129 - 74 128 - 66 135 - 99 130 - 16 130 - 58 131-33 129-66 128-66 131 - 16 130 - 41 137 · 99 137 · 58 137 · 58 137 · 24 137 · 08 136 · 08 136 · 16 130 - 16 129.58 128 - 66 130 - 91 130 - 99 130.41 130 - 99 130 - 33 129·16 129·33 131·41 131·66 128 - 74 131.08 130 - 24 136 - 49 130 - 49 131.08 130 - 99 130 - 49 129 - 41 131-66 130 - 99

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Upper Grenville, for 1885-86.

TABLE No. 331.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	127-83 127-91 127-99 127-99 127-99	139 · 33 138 · 99 138 · 66 138 · 16 137 · 66	138-41 138-41 138-41 138-33 138-16	135 · 66 135 · 49 135 · 33 135 · 16 135 · 16	132·49 132·33 132·16 132·08 131·99	129·91 129·83 129·66 129·66 129·66	129 · 08 128 · 99 128 · 99 128 · 91 128 · 91	129·33 129·16 129·41 129·66 129·66	130 · 49 130 · 41 130 · 41 130 · 33 130 · 33	129-66 129-58 129-99 130-49 130-99	130·49 130·33 130·16 130·08 129·99	129 · 83 129 · 66 129 · 66 129 · 58 129 · 49
6	127-99 127-91 127-91 127-99 128-08	137 · 41 137 · 66 137 · 66 137 · 91 138 · 16	137 · 91 137 · 74 137 · 58 137 · 33 137 · 16	134 · 91 134 · 66 134 · 91 134 · 83 134 · 66	131 · 91 131 · 79 131 · 66 131 · 49 131 · 41	$\begin{array}{c} 129 \cdot 66 \\ 129 \cdot 58 \\ 129 \cdot 49 \\ 129 \cdot 41 \\ 129 \cdot 41 \end{array}$	128 · 83 128 · 83 128 · 74 128 · 66 128 · 66	$\begin{array}{c} 129\cdot 66 \\ 129\cdot 83 \\ 130\cdot 08 \\ 130\cdot 58 \\ 131\cdot 16 \end{array}$	130 · 33 130 · 24 130 · 16 130 · 08 130 · 16	131 · 99 132 · 66 133 · 33 133 · 24 133 · 16	129 · 99 129 · 91 129 · 83 129 · 74 129 · 74	$\begin{array}{c} 129 \cdot 33 \\ 129 \cdot 24 \\ 129 \cdot 16 \\ 129 \cdot 16 \\ 129 \cdot 16 \end{array}$
11	128 · 24 128 · 41 128 · 58 128 · 83 129 · 08	138 · 41 138 · 58 138 · 83 139 · 16 139 · 16	136 · 99 136 · 74 136 · 41 136 · 16 135 · 91	134 · 49 134 · 49 134 · 41 134 · 41 134 · 41	$\begin{array}{c} 131 \cdot 33 \\ 131 \cdot 24 \\ 131 \cdot 16 \\ 131 \cdot 16 \\ 131 \cdot 08 \end{array}$	129·41 129·33 129·16 129·33 129·33	128 · 66 128 · 58 128 · 49 128 · 41 128 · 66	130 · 99 130 · 74 130 · 83 130 · 99 131 · 08	130 · 16 130 · 16 130 · 16 130 · 08 130 · 08	$\begin{array}{c} 132 \cdot 99 \\ 132 \cdot 74 \\ 132 \cdot 41 \\ 132 \cdot 24 \\ 132 \cdot 24 \end{array}$	$129 \cdot 74$ $129 \cdot 66$ $129 \cdot 66$ $129 \cdot 74$ $129 \cdot 83$	$\begin{array}{c} 129\cdot 16 \\ 129\cdot 08 \\ 128\cdot 99 \\ 128\cdot 91 \\ 128\cdot 91 \end{array}$
16. 17. 18. 19.	129 · 49 130 · 83 131 · 91 133 · 16	139 · 08 139 · 16 139 · 16 139 · 16 139 · 16	135 · 66 135 · 58 135 · 58 135 · 58 135 · 58	134 · 41 134 · 41 134 · 33 134 · 33 134 · 33	130 · 99 130 · 91 130 · 83 130 · 74 130 · 66	129 · 41 129 · 41 129 · 41 129 · 41 129 · 41	128 · 49 128 · 66 128 · 91 128 · 91 128 · 91	131 · 16 131 · 16 131 · 33 131 · 58 131 · 41	129 · 99 129 · 99 129 · 99 129 · 99 129 · 91	132 · 24 132 · 16 131 · 99 131 · 91 131 · 83	129 · 83 129 · 91 129 · 91 129 · 91 129 · 83	128 · 91 128 · 83 128 · 74 128 · 74 128 · 74
21. 22 23. 24 25.	133 · 91 135 · 16 135 · 83 136 · 83 137 · 74	139 · 16 139 · 16 139 · 16 139 · 16 139 · 16	135 · 49 135 · 66 135 · 66 135 · 58 135 · 58	134 · 16 133 · 91 133 · 74 133 · 58 133 · 41	130 · 58 130 · 49 130 · 49 130 · 41 130 · 41	129 · 33 129 · 33 129 · 41 129 · 41 129 · 33	129 · 24 129 · 49 129 · 49 129 · 49 129 · 49	131 · 41 131 · 33 131 · 41 131 · 41 131 · 16	129 · 91 129 · 91 129 · 91 129 · 91 129 · 83	131 · 74 131 · 58 131 · 49 131 · 33 131 · 24	129 · 83 129 · 74 129 · 74 129 · 66 129 · 83	128 · 74 128 · 74 128 · 74 128 · 83 128 · 83
26. 27. 28. 29. 30.	138-16 138-91 139-33 139-41 139-41	139 · 08 138 · 99 138 · 83 138 · 58 138 · 49 138 · 41	135 · 58 135 · 49 135 · 58 135 · 74 135 · 74	133 · 24 133 · 08 133 · 08 133 · 08 133 · 08 132 · 74	130 · 33 130 · 24 130 · 16 130 · 08 129 · 91 129 · 83	129 · 41 129 · 33 129 · 16 129 · 16 129 · 16	129 · 49 129 · 41 129 · 41 129 · 41 129 · 41 129 · 41	130 · 99 130 · 83 130 · 66 130 · 66 130 · 58	139 · 83 129 · 83 129 · 83 129 · 83 129 · 74 129 · 66	131 · 24 130 · 99 130 · 83 130 · 74 130 · 74 130 · 66	129 · 83 129 · 91 129 · 91	128 · 83 128 · 74 128 · 83 128 · 91 128 · 83 128 · 83

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1886-87.

· 24 128 · · 33 128 ·
·41 128· ·49 128· ·49 128·
·41 128· ·41 128· ·49 128· ·49 128· ·58 128·
-58 128 -49 128 -58 128 -66 128 -66 128
-74 128 -74 128 -66 128 -66 128 -66 128
66 128 66 128 66 128 66 128 58 128
.58 128 -49 128 -49 128 -128 -127 -127
88 88 88 88 88 88 88 88 88 88 88 88 88

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1887-88.

						-					********	
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1		137 · 91 138 · 16 138 · 41 138 · 91 139 · 41	136 · 58 136 · 16 136 · 16 136 · 08 135 · 91	131 · 83 131 · 66 131 · 58 131 · 41 131 · 41	129·74 129·58 129·49 129·41 129·33	127-91 127-91 127-83 127-83 127-74	126 · 49 126 · 58 126 · 58 126 · 58 126 · 66	127 · 16 127 · 08 127 · 16 127 · 16 127 · 08	126 · 99 127 · 08 127 · 08 127 · 16 127 · 58	127 · 41 127 · 41 127 · 41 127 · 41 127 · 41 127 · 41	126-91 126-91 126-91 126-91 126-91	126·58 126·58 126·58 126·58 126·58
6		139 · 91 140 · 41 140 · 83 141 · 16 141 · 41	$135 \cdot 74$ $135 \cdot 66$ $135 \cdot 58$ $135 \cdot 41$ $135 \cdot 24$	131 · 33 131 · 24 131 · 16 131 · 08 131 · 08	129 · 41 129 · 33 129 · 33 129 · 24 129 · 24	$\begin{array}{c} 127 \cdot 66 \\ 127 \cdot 66 \\ 127 \cdot 58 \\ 127 \cdot 49 \\ 127 \cdot 41 \end{array}$	126·74 126·91 126·91 126·74 126·74	127 · 08 127 · 16 127 · 16 127 · 08 127 · 08	127 · 74 127 · 83 127 · 83 127 · 91 127 · 99	127 · 33 127 · 33 127 · 33 127 · 33 127 · 33	$\begin{array}{c} 126 \cdot 91 \\ 126 \cdot 91 \\ 126 \cdot 91 \\ 126 \cdot 83 \\ 126 \cdot 83 \end{array}$	126 · 58 126 · 49 126 · 49 126 · 49 126 · 49
11 12 13 14 15		141 · 66 141 · 66 141 · 66 141 · 66 141 · 58	135 · 08 134 · 91 134 · 83 134 · 66 134 · 49	131 · 08 130 · 99 131 · 16 131 · 16 131 · 16	129 · 16 129 · 16 129 · 16 129 · 16 129 · 08	127 · 33 127 · 41 127 · 33 127 · 33 127 · 33	126 · 83 126 · 74 126 · 74 126 · 74 126 · 66	127 · 16 127 · 08 127 · 08 126 · 99 127 · 08	128 · 24 128 · 33 128 · 24 128 · 24 128 · 33	127 · 33 127 · 33 127 · 33 127 · 24 127 · 24	$\begin{array}{c} 126\cdot 83 \\ 126\cdot 74 \end{array}$	126 · 49 126 · 49 126 · 49 126 · 49 126 · 41
16. 17. 18. 19. 20.		141 · 41 141 · 08 140 · 66 140 · 41 139 · 91	134 · 33 133 · 99 133 · 66 133 · 66 133 · 49	$131 \cdot 24$ $131 \cdot 24$ $131 \cdot 33$ $131 \cdot 16$ $131 \cdot 08$	128 · 99 128 · 83 128 · 74 128 · 66 128 · 58	127 · 24 127 · 16 127 · 08 126 · 99 126 · 99	126 · 58 126 · 58 126 · 58 126 · 66 126 · 74	$\begin{array}{c} 127 \cdot 68 \\ 127 \cdot 16 \\ 127 \cdot 08 \\ 126 \cdot 91 \\ 126 \cdot 99 \end{array}$	$\begin{array}{c} 128 \cdot 16 \\ 128 \cdot 16 \\ 128 \cdot 08 \\ 127 \cdot 99 \\ 127 \cdot 91 \end{array}$	$\begin{array}{c} 127 \cdot 24 \\ 127 \cdot 16 \end{array}$	$\begin{array}{c} 126\cdot 66 \\ 126\cdot 66 \\ 126\cdot 66 \\ 126\cdot 58 \\ 126\cdot 58 \end{array}$	$126 \cdot 41$
21 22 23 24 25		139·33 139·08 138·66 138·33 137·91	$133 \cdot 24$ $133 \cdot 16$ $133 \cdot 08$ $132 \cdot 83$ $132 \cdot 74$	130 · 99 130 · 83 130 · 66 130 · 58 130 · 49	128 · 49 128 · 41 128 · 24 128 · 16 128 · 24	126-91 126-91 126-91 126-83 126-74	126 · 74 126 · 66 126 · 58 126 · 66 126 · 74	$\begin{array}{c} 127 \cdot 08 \\ 127 \cdot 16 \\ 127 \cdot 16 \\ 127 \cdot 16 \\ 127 \cdot 16 \end{array}$	127 · 83 127 · 74 127 · 66 127 · 66 127 · 66	$\begin{array}{c} 127\cdot 16 \\ 127\cdot 08 \end{array}$	$\begin{array}{c} 126 \cdot 58 \\ 126 \cdot 58 \end{array}$	126 · 49 126 · 49 126 · 58 126 · 66 126 · 74
26 27 28 29 30 31		137.58 137.16 137.16 136.99 136.83 136.66	132·58 132·49 132·33 132·16 131·99	130 · 49 130 · 41 130 · 16 130 · 08 129 · 99 129 · 91	128 · 16 128 · 08 128 · 08 127 · 99 127 · 91 127 · 83	126-66 126-66 126-66 126-58 126-49	126·74 126·83 126·83 126·99 127·08 127·16	127 · 16 127 · 16 127 · 16 127 · 16 127 · 08 126 · 99	$\begin{array}{c} 127\cdot 58 \\ 127\cdot 49 \\ 127\cdot 49 \end{array}$	$\begin{array}{c} 127\cdot08\\ 127\cdot08\\ 126\cdot99\\ 126\cdot99\\ 126\cdot99\\ 126\cdot99\\ \end{array}$	126 · 66 126 · 66 126 · 66 126 · 66	126-74 126-83 126-83 126-99 127-33 127-58

ELEVATIONS above M.S.L. of Ottawa River at Upper Grenville, for 1888-89.

										TA	BLE No	. 334.
1	127 · 91 128 · 08 128 · 24 128 · 41 128 · 58	133 · 49 133 · 74 134 · 08 134 · 33 134 · 74	138 · 58 138 · 58 138 · 49 138 · 41 138 · 33	135 · 66 135 · 41 135 · 16 134 · 91 134 · 83	130·74 130·66 130·58 130·41 130·33	129·24 129·24 129·16 129·16 129·08	128-66 128-74 128-74 128-66 128-66	128 · 49 128 · 49 128 · 58 128 · 74 129 · 16	130 · 74 130 · 66 130 · 74 130 · 58 130 · 49	130 · 08 129 · 91 129 · 91 129 · 83 129 · 66	129·33 129·24 129·24 129·16 129·08	128-41 128-41 128-33 128-33 128-41
6	$\begin{array}{c} 128 \cdot 74 \\ 129 \cdot 24 \\ 129 \cdot 74 \\ 129 \cdot 99 \\ 130 \cdot 33 \end{array}$	135 · 08 135 · 08 135 · 16 135 · 33 135 · 66	138 · 16 138 · 08 137 · 99 137 · 74 137 · 58	$134 \cdot 66$ $134 \cdot 49$ $134 \cdot 16$ $133 \cdot 66$ $133 \cdot 41$	130 · 16 130 · 16 130 · 08 129 · 99 129 · 83	128 · 99 128 · 74 128 · 74 128 · 74 128 · 66	128-66 128-66 128-66 128-58 128-41	129 · 41 129 · 66 129 · 66 130 · 41 131 · 33	130 · 49 130 · 33 130 · 16 130 · 08 129 · 91	$\begin{array}{c} 129\cdot 66 \\ 129\cdot 74 \\ 129\cdot 74 \\ 129\cdot 66 \\ 129\cdot 91 \end{array}$	129 · 08 129 · 08 129 · 08 129 · 08 128 · 99	128 · 41 128 · 33 128 · 33 128 · 24 128 · 24
11	130 · 49 130 · 66 130 · 83 130 · 83 130 · 91	135 · 83 136 · 16 137 · 16 137 · 74 138 · 66	137 · 33 137 · 08 137 · 08 137 · 08 137 · 33	133 · 16: 132 · 91 132 · 66: 132 · 66: 132 · 66:	129 · 66 129 · 58 129 · 49 129 · 58 129 · 41	128 · 58 128 · 58 128 · 58 128 · 49 128 · 49	128 · 16 127 · 91 128 · 16 128 · 33 128 · 33	131 · 66 131 · 91 132 · 16 131 · 91 131 · 66	129 · 99 129 · 99 130 · 08 130 · 41 130 · 66	$\begin{array}{c} 130 \cdot 24 \\ 130 \cdot 24 \\ 130 \cdot 08 \\ 129 \cdot 91 \\ 129 \cdot 74 \end{array}$	128 · 99 128 · 99 128 · 99 128 · 91 128 · 91	128 · 24 128 · 24 128 · 24 128 · 24 128 · 24
16	131 · 08 131 · 16 131 · 33 131 · 41 131 · 41	139 · 24 139 · 83 140 · 49 140 · 83 140 · 83	137 · 33 137 · 49 137 · 66 137 · 66 137 · 66	132 · 58 132 · 41 132 · 16 132 · 16 131 · 91	129 · 33 129 · 41 129 · 33 129 · 24 129 · 16	128 · 41 128 · 41 128 · 41 128 · 49 128 · 66	128 · 24 128 · 24 178 · 24 128 · 16 128 · 41	131 · 58 131 · 49 131 · 33 131 · 24 131 · 16	130 · 33 129 · 99 129 · 83 129 · 74 129 · 66	$\begin{array}{c} 129\cdot 66 \\ 129\cdot 91 \\ 130\cdot 08 \\ 130\cdot 24 \\ 130\cdot 24 \end{array}$	128 · 83 128 · 83 128 · 83 128 · 83 128 · 83	$\begin{array}{c} 128 \cdot 16 \\ 128 \cdot 16 \\ 123 \cdot 16 \\ 128 \cdot 33 \\ 128 \cdot 41 \end{array}$
21	131 · 41 131 · 49 131 · 41 131 · 33 131 · 24	140 · 83 140 · 83 140 · 66 140 · 49 140 · 16	137-66 137-41 137-33 137-16 137-16	131 · 74 131 · 74 131 · 74 131 · 66 131 · 41	$\begin{array}{c} 128 \cdot 99 \\ 128 \cdot 99 \\ 128 \cdot 91 \\ 128 \cdot 91 \\ 128 \cdot 91 \\ 128 \cdot 91 \end{array}$	$\begin{array}{c} 128 \cdot 74 \\ 128 \cdot 91 \\ 129 \cdot 16 \\ 129 \cdot 08 \\ 129 \cdot 08 \end{array}$	128-41 128-41 128-33 128-16 128-08	131 · 08 130 · 91 130 · 74 130 · 58 130 · 49	129 · 49 129 · 33 129 · 33 129 · 24 129 · 41	$\begin{array}{c} 130 \cdot 33 \\ 130 \cdot 24 \\ 129 \cdot 99 \\ 129 \cdot 74 \\ 129 \cdot 66 \end{array}$	128 · 83 128 · 74 128 · 74 128 · 66 128 · 58	128 · 58 128 · 91 129 · 24 129 · 74 130 · 33
26	131 · 08 131 · 33 131 · 66 132 · 16 132 · 66	139·91 139·66 139·41 139·16 139·08 138·74	136 · 91 136 · 66 136 · 41 136 · 16 135 · 91	131 · 41 131 · 41 131 · 33 131 · 16 131 · 08 130 · 91	$\begin{array}{c} 128 \cdot 91 \\ 128 \cdot 99 \\ 129 \cdot 08 \\ 129 \cdot 08 \\ 129 \cdot 16 \\ 129 \cdot 16 \end{array}$	128 · 99 128 · 91 128 · 91 128 · 83 128 · 83	$\begin{array}{c} 128\cdot 08 \\ 128\cdot 16 \\ 128\cdot 16 \\ 128\cdot 16 \\ 128\cdot 24 \\ 128\cdot 33 \end{array}$	130 · 58 130 · 66 130 · 83 130 · 99 131 · 08	$\begin{array}{c} 129 \cdot 83 \\ 130 \cdot 24 \\ 130 \cdot 41 \\ 130 \cdot 58 \\ 130 \cdot 66 \\ 130 \cdot 33 \end{array}$		128-58 128-49 128-49	130 · 49 130 · 58 130 · 58 130 · 49 130 · 41 130 · 41

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Upper Grenville, for 1889-90.

				11						17	BLE N	0. 335.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oet.	Nov.	Dec.	Jan.	Feb.	March.
1	130 · 24 130 · 24 130 · 16 130 · 08 130 · 16		133 · 91 135 · 16 135 · 24 135 · 91 136 · 66	135 · 58 135 · 49 135 · 49 135 · 41 135 · 33	132·41 132·24 132·16 132·08 131·99	130 · 33 130 · 16 130 · 16 130 · 08 129 · 91	128-74 128-66 128-58 128-58 128-06	128-24		131 · 24 130 · 83 130 · 91 130 · 99 131 · 08	131 · 08 130 · 99 130 · 91 130 · 91 130 · 91	130 · 33 130 · 49 130 · 66 130 · 66 130 · 66
6	130 · 33 130 · 58 130 · 83 131 · 16 131 · 58		137 · 49 137 · 83 137 · 99 137 · 99 137 · 99	135 · 24 135 · 16 135 · 08 134 · 83 134 · 49	131·99 131·91 131·83 131·66 131·58	129 · 83 129 · 83 129 · 74 129 · 74 129 · 66	128 · 66 128 · 74 128 · 74 128 · 74 128 · 74	128 · 16 128 · 16 128 · 16		131 · 24 131 · 49 131 · 49 131 · 58 131 · 66	130 · 83 130 · 83 130 · 74 130 · 74 130 · 74	130-66 130-66 130-58 130-49 130-41
11	$131 \cdot 74$ $131 \cdot 91$ $132 \cdot 16$ $132 \cdot 16$ $131 \cdot 91$		137-91 137-83 137-66 137-24 137-08	134 · 33 134 · 16 134 · 16 134 · 08 134 · 08	131 · 49 131 · 41 131 · 33 131 · 16 130 · 99	129-66 129-58 129-49 129-41 129-41	128-83 128-83 128-83 128-83 128-83	128 · 16 128 · 16 128 · 16		131 · 66 131 · 49 131 · 49 131 · 49	130 · 74 130 · 74 130 · 66 130 · 58 130 · 83	130 · 33 130 · 41 130 · 49 130 · 66 130 · 83
16	131 · 83 131 · 74 131 · 74 131 · 83 132 · 16		136 · 91 136 · 91 136 · 66 136 · 41 136 · 33	133.99 133.99 133.91 133.83 133.66	130-91 130-99 130-99 130-91 130-91	129 · 33 129 · 24 129 · 16 129 · 16 129 · 08	128 · 83 128 · 83 128 · 83 128 · 83 128 · 83			131 · 49 131 · 49 131 · 41 131 · 41 131 · 33	130 · 91 130 · 91 130 · 99 130 · 91 130 · 83	130-91 130-91 130-91 130-91 130-99
21 22 23 24 25	132.91 133.08 133.33 133.66 133.91		136 · 24 136 · 08 135 · 91 135 · 91 135 · 91	133 · 58 133 · 41 133 · 33 133 · 24 133 · 16	130 · 83 130 · 83 130 · 83 130 · 83 130 · 74	129.08 128.99 128.99 128.91 128.83	128 · 83 128 · 83 128 · 74 128 · 66 128 · 58	128 · 91 129 · 16 129 · 41 129 · 58 129 · 66		131 · 33 131 · 33 131 · 24 131 · 16 131 · 16	130 · 74 130 · 66 130 · 58 130 · 49 130 · 41	130.99 130.91 130.91 130.91 130.83
26 27 28 29 30 31			135 · 91 135 · 91 135 · 83 135 · 66 135 · 66	133 · 08 132 · 91 132 · 83 132 · 66 132 · 58 132 · 49	130 · 66 130 · 66 130 · 58 130 · 49 130 · 41 130 · 41	128 · 83 128 · 83 128 · 83 128 · 83 128 · 83	128 · 49 128 · 49 128 · 49 128 · 49 128 · 49 128 · 41	129 · 66 129 · 58 129 · 58 129 · 66 129 · 66		131 - 16	130-33 130-24 130-16	130·83 130·91 130·91 130·91 130·99

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1890-91.

LLEVAIR	71415 (11.	OVC 11.		01 01				per o			BLE No	
1	130 · 91 130 · 83 130 · 66 130 · 74 131 · 58	136 · 66 136 · 99 137 · 16 137 · 33 137 · 49	139 · 16 139 · 33 139 · 33 139 · 33 139 · 16	136 · 16 135 · 99 135 · 83 135 · 83 135 · 66	132·08 131·83 131·74 131·74 131·74	131 · 33 131 · 33 131 · 24 131 · 33 131 · 58	130 · 16 130 · 08 130 · 16 130 · 16 130 · 08	$\begin{array}{c} 129 \cdot 58 \\ 129 \cdot 58 \\ 129 \cdot 58 \\ 129 \cdot 49 \\ 129 \cdot 49 \end{array}$	$\begin{array}{c} 129 \cdot 24 \\ 129 \cdot 24 \\ 129 \cdot 16 \\ 129 \cdot 16 \\ 129 \cdot 16 \\ 129 \cdot 16 \end{array}$	129 · 08 129 · 08 129 · 08 129 · 16 129 · 16	128 · 66 128 · 58 128 · 49 128 · 49 128 · 41	128 · 83 128 · 91 128 · 91 128 · 99 128 · 99
6	$132 \cdot 16$ $132 \cdot 49$ $133 \cdot 16$ $133 \cdot 41$ $133 \cdot 91$	137 · 66 · 137 · 99 137 · 99 137 · 99 138 · 16	$\begin{array}{c} 138 \cdot 99 \\ 138 \cdot 99 \\ 138 \cdot 83 \\ 138 \cdot 66 \\ 138 \cdot 58 \end{array}$	$135 \cdot 49$ $135 \cdot 33$ $135 \cdot 16$ $134 \cdot 99$ $134 \cdot 66$	$131 \cdot 74$ $131 \cdot 66$ $131 \cdot 66$ $131 \cdot 66$ $131 \cdot 66$	131 · 66 131 · 49 131 · 49 131 · 49 131 · 33	130 · 08 129 · 99 130 · 08 130 · 08 129 · 99	129 · 41 129 · 33 129 · 33 129 · 33 129 · 33	129 · 16 129 · 24 129 · 24 129 · 24 129 · 16	$\begin{array}{c} 129\cdot 16 \\ 129\cdot 16 \\ 129\cdot 16 \\ 129\cdot 08 \\ 129\cdot 08 \end{array}$	128 · 41 128 · 41 128 · 33 128 · 33 128 · 33	128 · 99 128 · 99 128 · 99 128 · 99 129 · 08
11	$\begin{array}{c} 134 \cdot 24 \\ 134 \cdot 49 \\ 134 \cdot 99 \\ 135 \cdot 49 \\ 135 \cdot 83 \end{array}$	138 · 16 138 · 16 138 · 16 138 · 16 138 · 08	138 · 49 138 · 33 138 · 24 138 · 33 138 · 66	134 · 33 134 · 16 133 · 99 133 · 99	131-66 131-49 131-33 131-33 131-33	131 · 33 131 · 41 131 · 58 131 · 66 131 · 66	129 · 99 129 · 91 129 · 91 129 · 83 129 · 91	129 · 66 129 · 83 129 · 66 129 · 66 129 · 66	129 · 16 129 · 16 129 · 08 129 · 08 129 · 08	128-99 128-99 128-99 128-99 128-91	128 · 24 128 · 24 128 · 24 128 · 24 128 · 16	129 · 16 129 · 16 129 · 24 129 · 24 129 · 33
16 17 18 19 20	$135 \cdot 99$	137 · 99 137 · 66 137 · 49 137 · 41 137 · 66	138-66 138-83 138-83 138-83 138-74	$133 \cdot 66$ $133 \cdot 49$ $133 \cdot 33$ $133 \cdot 16$ $132 \cdot 99$	131 · 24 131 · 24 131 · 16 131 · 16 131 · 08	$131 \cdot 41$ $131 \cdot 33$ $131 \cdot 16$ $130 \cdot 99$ $130 \cdot 99$	129 · 83 129 · 91 129 · 99 129 · 91 129 · 83	129 · 49 129 · 49 129 · 66 129 · 66 129 · 66	129 · 08 128 · 99 128 · 99 128 · 99 129 · 08	128-91 128-91 128-91 128-83 128-83	128 · 16 128 · 16 128 · 16 128 · 08 128 · 08	130 · 16 130 · 24 130 · 33 130 · 41 130 · 41
21 22 23 24 25	136 · 16 135 · 99 135 · 91 135 · 91 135 · 91	137-99 138-08 138-24 138-33 138-33	$138 \cdot 49$ $138 \cdot 33$ $138 \cdot 16$ $137 \cdot 66$ $137 \cdot 66$	$\begin{array}{c} 132 \cdot 99 \\ 132 \cdot 99 \\ 132 \cdot 91 \\ 132 \cdot 83 \\ 132 \cdot 83 \end{array}$	131 · 08 131 · 33 131 · 49 131 · 49 131 · 49	130 · 83 · 130 · 83 130 · 66 130 · 66 130 · 58	129-91 129-91 129-83 129-83 129-83	129 · 83 129 · 83 129 · 83 129 · 66 129 · 49	129 · 08 129 · 08 129 · 08 128 · 99 128 · 99	128 · 83 128 · 83 128 · 83 128 · 91 128 · 91	128-08 128-08 128-08 128-16 128-33	130 · 66 130 · 66 130 · 66 131 · 66 132 · 66
26	135 · 91 135 · 99 136 · 16 136 · 33 136 · 49	138 · 33 138 · 49 138 · 49 138 · 66 138 · 83 138 · 99	137·33 136·99 136·66 136·49 136·33	$\begin{array}{c} 132 \cdot 66 \\ 132 \cdot 66 \\ 132 \cdot 49 \\ 132 \cdot 41 \\ 132 \cdot 33 \\ 132 \cdot 33 \end{array}$	$\begin{array}{c} 131 \cdot 41 \\ 131 \cdot 33 \\ 131 \cdot 41 \\ 131 \cdot 33 \\ 131 \cdot 16 \\ 131 \cdot 16 \end{array}$	130 · 58 130 · 49 130 · 41 130 · 33 130 · 16	$\begin{array}{c} 129 \cdot 91 \\ 129 \cdot 91 \\ 129 \cdot 83 \\ 129 \cdot 66 \\ 129 \cdot 66 \\ 129 \cdot 66 \end{array}$	129 · 41 129 · 33 129 · 33 129 · 24 129 · 33	128-99 128-99 128-99 128-99 128-99	128 · 91 128 · 83 128 · 83 128 · 83 128 · 74 128 · 74	128-66 128-66 128-66	133 · 16 133 · 33 133 · 49 133 · 66 134 · 16 134 · 66

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1891-92.

ARIE No. 22

											271727 14	01 0011
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2	134-66 134-66 134-33 134-24 134-33	139 · 16 139 · 16 139 · 16 139 · 16 139 · 16	135·33 135·16 134·91 134·83 134·41	131 · 24 131 · 16 131 · 16 131 · 08 130 · 99	132 · 16 132 · 16 132 · 16 132 · 08 132 · 08	130 · 66 130 · 66 130 · 66 130 · 66 130 · 66	129 · 33 129 · 33 129 · 16 129 · 16 129 · 16	128-91 128-91 128-99 128-83 128-66	133 · 16 133 · 16 133 · 16 132 · 91 133 · 16	131 · 99 131 · 99 131 · 99 131 · 91 131 · 99	130-66 130-66 130-49 130-49	130 · 16 130 · 16 130 · 16 130 · 08 130 · 08
6	134 · 24 134 · 16 134 · 16 133 · 49 133 · 49	139 · 16 139 · 16 139 · 16 139 · 08 138 · 99	$134 \cdot 41$ $134 \cdot 16$ $134 \cdot 08$ $133 \cdot 91$ $133 \cdot 66$	130 · 91 130 · 83 130 · 74 130 · 66 130 · 66	$\begin{array}{c} 132 \cdot 16 \\ 132 \cdot 24 \\ 132 \cdot 16 \\ 132 \cdot 08 \\ 131 \cdot 91 \end{array}$	$130 \cdot 66$ $130 \cdot 66$ $130 \cdot 74$ $130 \cdot 74$ $130 \cdot 74$	129 · 08 128 · 99 129 · 08 129 · 16 129 · 49	128-66 128-66 128-66 128-49 128-49	$133 \cdot 16$ $133 \cdot 16$ $132 \cdot 99$ $132 \cdot 99$ $132 \cdot 99$	131 · 91 131 · 83 131 · 83 131 · 83 131 · 83	130 · 49 130 · 41 130 · 41 130 · 41 130 · 49	130 · 08 130 · 16 130 · 16 130 · 16 129 · 99
11	133 · 49 133 · 16 134 · 16 134 · 41 134 · 66	138 · 91 138 · 83 138 · 74 138 · 16 138 · 16	133 · 49 133 · 41 133 · 16 132 · 66 132 · 66	130 · 49 130 · 41 130 · 66 130 · 66	131 · 66 131 · 49 131 · 41 131 · 16 130 · 91	130 · 66 130 · 66 130 · 66 130 · 41 130 · 41	129 · 66 129 · 66 129 · 83 129 · 91 129 · 99	128 · 49 128 · 41 128 · 33 128 · 24 128 · 24	132 · 91 132 · 83 132 · 66 132 · 49 132 · 41	131 · 83 131 · 74 131 · 66 131 · 66 131 · 66	130 · 49 130 · 49 130 · 49 130 · 49 130 · 49	129.83 129.66 129.58 129.41 129.33
16	135 · 16 135 · 49 135 · 66 136 · 16 136 · 41	137-91 137-66 137-66 137-66 137-49	132-66 132-58 132-49 132-41 132-33	130 · 66 130 · 66 130 · 83 130 · 91	130 · 91 130 · 83 130 · 66 130 · 66 130 · 49	$\begin{array}{c} 130 \cdot 33 \\ 130 \cdot 24 \\ 130 \cdot 24 \\ 130 \cdot 16 \\ 130 \cdot 16 \end{array}$	129 · 99 129 · 66 129 · 49 129 · 49 129 · 41	$\begin{array}{c} 128 \cdot 24 \\ 128 \cdot 66 \\ 129 \cdot 08 \\ 129 \cdot 16 \\ 129 \cdot 16 \end{array}$	$132 \cdot 16$ $132 \cdot 16$ $131 \cdot 99$ $132 \cdot 16$ $132 \cdot 16$	131 · 66 131 · 66 131 · 66 131 · 49	130 · 41 130 · 41 130 · 41 130 · 41 130 · 41	129 · 24 129 · 24 129 · 24 129 · 16 129 · 16
21 22 23 24 25	136 · 91 137 · 16 137 · 49 137 · 83 138 · 49	137 · 41 137 · 16 137 · 16 136 · 66 136 · 66	$\begin{array}{c} 132 \cdot 24 \\ 132 \cdot 16 \\ 132 \cdot 16 \\ 132 \cdot 16 \\ 131 \cdot 91 \end{array}$	130 · 99 131 · 16 131 · 41 131 · 66 131 · 66	130 · 49 130 · 49 130 · 49 130 · 49 130 · 66	130 · 16 129 · 99 129 · 99 129 · 91 129 · 83	129 · 41 129 · 49 129 · 41 129 · 33 129 · 33	129 · 66 130 · 16 130 · 66 131 · 16 131 · 66	$132 \cdot 16$ $132 \cdot 08$ $132 \cdot 16$ $132 \cdot 16$ $132 \cdot 08$	131 · 49 131 · 49 131 · 33 131 · 16 131 · 08	130·33 130·33 130·33 130·24 130·24	129 · 16 129 · 16 129 · 16 129 · 08 129 · 08
26 27 28 29 30 31	138 · 91 138 · 91 139 · 16 139 · 16 139 · 16	136·49 136·41 136·16 135·91 135·83 135·66	131-66 131-66 131-49 131-41 131-41	131 · 66 131 · 91 132 · 16 131 · 91 131 · 91 132 · 16	130 · 83 130 · 83 130 · 83 130 · 74 130 · 66 130 · 66	129-66 129-66 129-66 129-41 129-41	129 · 33 129 · 16 129 · 16 129 · 16 129 · 16 129 · 08	132 · 16 132 · 66 132 · 66 133 · 16 133 · 16	131 · 99 131 · 91 131 · 99 132 · 08 132 · 08 132 · 08	130 · 99 130 · 99 130 · 83 130 · 66 130 · 66	130 · 24 130 · 24 130 · 24 130 · 16	128 · 99 128 · 83 128 · 74 128 · 49 128 · 41 128 · 41

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1892-93.

TABLE No. 338

									1	ADLE: 1	10. 335
1	128-33 128-49 128-66 130-66 131-66	132 · 66 132 · 66 132 · 83 132 · 91 132 · 99	133 · 33 133 · 33 133 · 41 133 · 49 133 · 49	134 · 66 134 · 66 134 · 66 134 · 66 134 · 33	130 · 33 130 · 16 130 · 16 129 · 99 129 · 99	129 · 99 129 · 83 129 · 66 129 · 49 129 · 33	129·41 129·33 129·33 129·33 129·41	128 · 99 128 · 91 128 · 66 128 · 99 129 · 08	132 · 16 131 · 99 131 · 83 131 · 66 131 · 49	127 · 91 127 · 91 127 · 83 127 · 83 127 · 83	127-66 127-66 127-41 127-33 127-33
6. 7. 8. 9	$\begin{array}{c} 133 \cdot 16 \\ 134 \cdot 66 \\ 135 \cdot 16 \\ 134 \cdot 66 \\ 134 \cdot 66 \end{array}$	133 · 16 133 · 16 133 · 33 133 · 49 133 · 49	$\begin{array}{c} 133 \cdot 49 \\ 133 \cdot 66 \\ 133 \cdot 66 \\ 133 \cdot 66 \\ 133 \cdot 66 \end{array}$	$\begin{array}{c} 134 \cdot 16 \\ 133 \cdot 66 \\ 133 \cdot 66 \\ 133 \cdot 16 \\ 132 \cdot 66 \end{array}$	$\begin{array}{c} 129 \cdot 91 \\ 129 \cdot 91 \end{array}$	$\begin{array}{c} 129 \cdot 33 \\ 129 \cdot 16 \\ 129 \cdot 08 \\ 128 \cdot 99 \\ 128 \cdot 91 \end{array}$	129-41 129-33 129-33 129-41 129-41	129 · 16 128 · 99 129 · 08 129 · 24 129 · 24	131 · 33 131 · 24 131 · 08 130 · 91 130 · 83	127 · 74 127 · 74 127 · 74 127 · 74 127 · 74	127 · 24 127 · 24 127 · 16 127 · 16 127 · 24
11	$\begin{array}{c} 134\cdot 66 \\ 134\cdot 58 \\ 134\cdot 16 \\ 133\cdot 66 \\ 133\cdot 49 \end{array}$	133 · 66 133 · 66 133 · 66 133 · 66 133 · 58	$\begin{array}{c} 133 \cdot 66 \\ 133 \cdot 66 \\ 133 \cdot 66 \\ 133 \cdot 49 \\ 133 \cdot 49 \end{array}$	$\begin{array}{c} 132\cdot 66 \\ 132\cdot 66 \\ 132\cdot 41 \\ 132\cdot 41 \\ 132\cdot 16 \end{array}$	$\begin{array}{c} 129 \cdot 83 \\ 130 \cdot 16 \\ 130 \cdot 41 \\ 130 \cdot 33 \\ 130 \cdot 33 \end{array}$	$\begin{array}{c} 128 \cdot 91 \\ 128 \cdot 83 \\ 128 \cdot 66 \\ 128 \cdot 66 \\ 128 \cdot 66 \end{array}$	129 · 41 129 · 41 129 · 41 129 · 41 129 · 33	$\begin{array}{c} 129\cdot 16 \\ 129\cdot 16 \end{array}$	130·74 130·66 130·49 130·49 130·49	127 · 66 127 · 66 127 · 74 127 · 74 127 · 74	127 · 33 127 · 33 127 · 41 127 · 41 127 · 41
16. 17. 18. 19. 20.	133 · 16 133 · 16 132 · 66 132 · 33 132 · 16	133 · 49 133 · 41 133 · 33 133 · 24 133 · 16	133 · 49 133 · 33 133 · 33 133 · 33 133 · 33	131 · 66 131 · 66 131 · 41 131 · 33 131 · 33	$\begin{array}{c} 130 \cdot 16 \\ 130 \cdot 16 \\ 130 \cdot 16 \\ 130 \cdot 33 \\ 130 \cdot 49 \end{array}$	128 · 41 128 · 41 128 · 66 128 · 83 128 · 91	129 · 24 129 · 16 129 · 16 129 · 16 129 · 16	$\begin{array}{c} 129 \cdot 33 \\ 130 \cdot 16 \\ 130 \cdot 66 \\ 131 \cdot 16 \\ 131 \cdot 66 \end{array}$	130·41 130·41 130·41 130·33 130·33	127·74 127·66 127·66 127·66 127·74	127 · 66 127 · 66 127 · 66 127 · 66 127 · 74
21 22 23 24 25	131 · 66 131 · 49 131 · 66 131 · 66 131 · 66	133 · 16 133 · 16 133 · 66 133 · 66 133 · 66	$\begin{array}{c} 134 \cdot 33 \\ 134 \cdot 66 \\ 134 \cdot 66 \\ 134 \cdot 66 \\ 134 \cdot 49 \end{array}$	131 · 16 131 · 16 131 · 08 131 · 08 130 · 99	130 · 66 130 · 66 130 · 66 130 · 66 130 · 49	128 · 99 129 · 16 129 · 24 129 · 33 129 · 33	129·16 129·08 129·08 129·08 129·08	$\begin{array}{c} 132\cdot 16 \\ 132\cdot 33 \\ 132\cdot 49 \\ 132\cdot 66 \\ 132\cdot 66 \end{array}$	130·33 130·24 130·16 130·08 129·99	127 · 74 127 · 74 127 · 74 127 · 66 127 · 66	127 · 74 127 · 74 127 · 83 127 · 83 127 · 83
26 27 28 29 30 31	131 · 66 132 · 16 132 · 16 132 · 41 132 · 66	133 · 66 133 · 66 133 · 66 133 · 49 133 · 41 133 · 33	134 · 49 134 · 49 134 · 66 134 · 66	$\begin{array}{c} 130\cdot 83 \\ 130\cdot 66 \\ 130\cdot 58 \\ 130\cdot 41 \\ 130\cdot 33 \\ 130\cdot 33 \end{array}$	$\begin{array}{c} 130 \cdot 49 \\ 130 \cdot 41 \\ 130 \cdot 33 \\ 130 \cdot 33 \\ 130 \cdot 33 \\ 130 \cdot 16 \end{array}$	129·41 129·41 129·33 129·41 129·41	$\begin{array}{c} 128 \cdot 99 \\ 128 \cdot 99 \\ 129 \cdot 16 \\ 129 \cdot 16 \\ 129 \cdot 16 \\ 129 \cdot 16 \\ \end{array}$	132-66 132-66 132-49 132-49 132-33	129 · 99 129 · 91 129 · 83 129 · 66 129 · 66		127 · 91 127 · 91 127 · 99 128 · 08 128 · 16 128 · 24

31...

139-66

6 GEORGE V, A. 1916 ELEVATIONS above M.S.L. of Ottawa River at Upper Grenville, for 1893-94.

TABLE No. 339 Day. July. April. May. June. Aug. Sept. Oct Nov. Dec. Jan Feb. March. 131:41 127 · 66 127 · 66 127 · 66 127 · 66 128-66 131 - 33 128-66 130 - 16 128-91 129 - 66 $127 \cdot 58$ $127 \cdot 58$ $127 \cdot 66$ 128 · 99 129 · 33 134 - 16 139 · 16 138 · 99 138 · 83 131 · 16 131 · 16 131 · 16 131 - 16 128 - 66 129 - 66 130 - 24 128-91 134 · 16 134 · 41 134 · 66 134 · 41 130 · 91 130 · 16 130 · 24 130 · 24 129 · 66 129 · 66 128-83 128-74 128-91 129 - 66 128 - 99 129.83 134-16 131.08 129.91 $130 \cdot 24$ $128 \cdot 66$ $127 \cdot 58$ $127 \cdot 83$ 129 - 99 137-33 138 - 66 134 · 16 133 · 91 131 - 16 120.83 129-16 130-24 129.58 130 - 16 137 - 66 138-66 $131 \cdot 16 \\ 131 \cdot 16$ 129 · 49 129 · 49 $129 \cdot 16$ $129 \cdot 16$ 130 - 33 129 · 58 129 · 49 128 · 66 128 · 66 127 · 58 127 · 49 128-41 128-99 130 - 66 138-16 138 - 66 133 - 66 130 - 33 131 - 16 138-16 138 - 49 133 - 66 131.08 129 - 49 131-66 138-49 133-66 $130 \cdot 99$ $129 \cdot 33$ $129 \cdot 16$ 130-16 129-49 $128 \cdot 58$ 130 - 66 131-91 138-33 129.16 129-41 128 - 58 131 - 16 132·16 132·66 138 · 24 138 · 33 138 · 33 138 · 16 133 - 41 130 · 66 130 · 33 130 · 33 129.08 129 · 99 129 · 83 129 · 74 128 · 58 128 · 49 127 · 49 127 · 49 127 · 58 133 - 16 129 · 16 129 · 16 129 · 16 129 · 16 129-41 129-41 132.66 133 - 16 138 - 16 133 - 16 128.40 133-16 138-66 133 - 16 130 - 16 128 - 83 129 - 16 129.33 128 - 49 132 - 66 132 - 99 138-91 132-91 130 - 16 129·33 129·33 129-16 128.41 132-66 127-49 127-41 127-41 127-41 127-41 132 · 99 133 · 16 133 · 33 139 - 16 137 · 16 137 · 16 128 · 74 128 · 74 129-16 129 - 83 129-99 128-41 132 - 66 140 · 16 141 · 16 129-91 129 - 16 129-66 129 - 24 129 - 91 128-66 129.24 129.49 129·24 129·24 133 - 41 141-41 136-41 132 - 66 20 129.83 128 - 66 129.49 120.33 $128 \cdot 33$ 141-66 127 · 49 127 · 49 127 · 49 127 · 49 21 22 23 133 - 66 126, 16 $132 \cdot 66$ 141 · 66 141 · 66 129 · 74 129 · 66 134 - 16 136-16 128 · 83 128 · 83 129·41 129·49 129 · 58 129 · 58 129 · 16 129 · 16 128.33 133 - 66 135-66 128-33 133 - 66 24 25 134 - 83 141-66 134 - 66 141-33 135 - 66 132 - 16 129.58 128 - 83 129 - 66 129.66 129.08 140.99 132.08 129.58 128-83 129-08 127-49 134-66 128-08 127 · 99 127 · 91 127 · 91 127 · 91 127 · 83 27. 28 29. 134 · 16 134 · 16 134 · 16 140-66 140-33 135 · 16 134 · 99 131 · 99 131 · 91 131 · 66 131 · 58 129 - 49 123.66 129.08 127 · 49 127 · 49 134-65 129.41 128 - 83 130 - 16 128 · 99 128 · 99 128 · 99 134 - 66 129-66 129.58 140-16 134 - 83 128 - 83 130 - 16 134 - 16 139 - 83 134 - 66 131-66 130 - 24 129.66 133 - 66

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1894-95.

130 - 24

128-91

132.66

131-49 131-66

										,		
										T	ABLE	No. 340
1	$\begin{array}{c} 132\cdot 66 \\ 132\cdot 66 \\ 132\cdot 49 \\ 132\cdot 49 \\ 132\cdot 33 \end{array}$	139 · 33 139 · 33 139 · 16 139 · 16 139 · 16	135-66 135-83 135-91 135-99 135-99	134 · 16 133 · 99 133 · 83 133 · 66 133 · 66	130 · 41 130 · 33 130 · 33 130 · 24 130 · 16	$\begin{array}{c} 128\cdot 66 \\ 128\cdot 33 \\ 128\cdot 16 \\ 127\cdot 91 \\ 127\cdot 91 \end{array}$	128 · 49 128 · 58 128 · 66 128 · 83 128 · 91	131 · 16 131 · 16 131 · 24 131 · 33 131 · 33	130 · 91 130 · 91 130 · 83 130 · 83 130 · 83	130 · 33 130 · 33 130 · 33 130 · 24 130 · 24	129 · 49 129 · 49 129 · 41 129 · 41 129 · 33	128-66 128-66 128-66 128-74 128-74
6	132·33 132·33 132·49 132·49 132·33	139 · 16 139 · 16 139 · 16 139 · 16 139 · 08	$\begin{array}{c} 136\cdot 16 \\ 136\cdot 16 \\ 135\cdot 91 \\ 135\cdot 66 \\ 135\cdot 49 \end{array}$	133 · 49 133 · 49 133 · 66 133 · 83 133 · 83	130 · 08 130 · 08 129 · 91 129 · 83 129 · 66	$\begin{array}{c} 127 \cdot 91 \\ 127 \cdot 91 \\ 127 \cdot 91 \\ 127 \cdot 83 \\ 127 \cdot 91 \end{array}$	$\begin{array}{c} 128 \cdot 99 \\ 129 \cdot 08 \\ 129 \cdot 08 \\ 129 \cdot 08 \\ 129 \cdot 08 \end{array}$	131 · 24 131 · 33 131 · 41 131 · 49 131 · 58	130 · 83 130 · 66 130 · 66 130 · 66 130 · 66	$\begin{array}{c} 130 \cdot 24 \\ 130 \cdot 24 \\ 130 \cdot 16 \\ 130 \cdot 16 \\ 130 \cdot 08 \end{array}$	129·33 129·33 129·24 129·24 129·16	128 · 74 128 · 83 128 · 83 128 · 83 128 · 74
11	132 · 33 132 · 49 132 · 66 132 · 66 132 · 66	138 · 99 138 · 91 138 · 83 138 · 83 138 · 66	135 · 33 135 · 16 134 · 83 134 · 66 134 · 66	133 · 83 133 · 91 133 · 91 133 · 66 133 · 49	129 · 66 129 · 58 129 · 49 129 · 41 129 · 41	127 · 83 127 · 83 127 · 83 127 · 91 127 · 91	129 · 16 129 · 16 129 · 16 129 · 33 129 · 66	131 · 66 131 · 66 131 · 66 131 · 91 131 · 99	130 · 83 130 · 83 130 · 83 130 · 83 130 · 83	130 · 08 130 · 08 130 · 08 129 · 99 129 · 99	$\begin{array}{c} 129\cdot08 \\ 129\cdot08 \\ 128\cdot99 \\ 128\cdot99 \\ 128\cdot91 \end{array}$	128 · 74 128 · 74 128 · 66 128 · 66 128 · 66
18	133 · 08 133 · 33 133 · 49 133 · 66 134 · 16	138 · 16 137 · 66 137 · 33 137 · 16 136 · 66	$\begin{array}{c} 134 \cdot 33 \\ 134 \cdot 16 \\ 133 \cdot 99 \\ 133 \cdot 99 \\ 134 \cdot 66 \end{array}$	133 · 33 132 · 99 132 · 66 132 · 66 132 · 49	129 · 41 129 · 33 129 · 33 129 · 33 129 · 24	$\begin{array}{c} 127 \cdot 91 \\ 127 \cdot 99 \\ 128 \cdot 08 \\ 128 \cdot 16 \\ 128 \cdot 16 \end{array}$	129 · 91 129 · 91 130 · 08 130 · 33 130 · 66	131 · 99 131 · 91 131 · 99 131 · 99 131 · 83	130 · 83 130 · 66 130 · 66 130 · 58 130 · 58	129 · 99 129 · 91 129 · 91 129 · 91 129 · 83	$\begin{array}{c} 128 \cdot 91 \\ 128 \cdot 91 \\ 128 \cdot 91 \\ 128 \cdot 91 \\ 128 \cdot 99 \end{array}$	128 · 66 128 · 58 128 · 58 128 · 58 128 · 66
22 23 24	134 · 66 135 · 16 136 · 16 137 · 16 137 · 66	136 · 66 136 · 33 136 · 33 136 · 16 136 · 16	134 · 99 135 · 16 135 · 16 134 · 99 134 · 99	132 · 49 132 · 33 132 · 24 131 · 91 131 · 66	129 · 33 129 · 33 129 · 33 129 · 16 129 · 16	128 · 24 128 · 33 128 · 33 128 · 33 128 · 33	130 · 66 130 · 66 130 · 83 130 · 99	131 · 66 131 · 49 131 · 33 131 · 16 131 · 16	130 · 58 130 · 49 130 · 49 130 · 49 130 · 41	129 · 83 129 · 74 129 · 74 129 · 74 129 · 66	$\begin{array}{c} 128 \cdot 99 \\ 128 \cdot 99 \\ 128 \cdot 91 \\ 128 \cdot 91 \\ 128 \cdot 91 \\ 128 \cdot 91 \end{array}$	128 · 74 128 · 74 128 · 83 128 · 83 128 · 91
27	138-16 138-41 138-66 138-91 139-16	135 · 99 135 · 83 135 · 99 135 · 99 135 · 83 135 · 66	134 · 66 134 · 66 134 · 49 134 · 33 134 · 16	131 · 66 131 · 33 130 · 91 130 · 74 130 · 66 130 · 49	129 · 16 129 · 08 128 · 99 128 · 91 128 · 83 128 · 66	128-33 128-24 128-24 128-33 128-41	131 · 16 131 · 16 131 · 16 131 · 16 131 · 24 131 · 16	131 · 16 131 · 16 131 · 08 130 · 99 130 · 99	130 · 41 130 · 41 130 · 41 130 · 33 130 · 33 130 · 33	129 · 66 129 · 66 129 · 66 129 · 58 129 · 58 129 · 58	128-83 128-83 128-83	128 · 91 128 · 91 128 · 99 129 · 08 129 · 16 129 · 16

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1895-96.

CABLE No. 3

											ADLE:	
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	129 · 16 129 · 16 129 · 16 129 · 24 129 · 24	137 · 16 136 · 99 136 · 83 136 · 66 136 · 66	135 · 16 135 · 24 135 · 33 135 · 41 135 · 49	133 · 33 132 · 99 132 · 66 132 · 33 131 · 99	129 · 49 129 · 41 129 · 41 129 · 41 129 · 49	129 · 66 129 · 66 129 · 58 129 · 49 129 · 41	128 · 24 128 · 16 128 · 16 128 · 16 128 · 16	127 · 83 127 · 83 127 · 83 127 · 83 127 · 83	129 · 66 129 · 66 129 · 66 129 · 74 129 · 83	134 · 16 134 · 16 133 · 99 133 · 91 133 · 66	131 · 66 131 · 49 131 · 49 131 · 49 131 · 41	130 · 99 130 · 99 130 · 91 130 · 83 130 · 74
6 7 8 9	129 · 33 129 · 41 129 · 49 131 · 66 133 · 16	136 · 83 137 · 16 137 · 41 137 · 66 137 · 91	$135 \cdot 58$ $135 \cdot 66$ $135 \cdot 66$ $135 \cdot 66$ $135 \cdot 74$	131 · 83 131 · 66 131 · 49 131 · 33 131 · 16	129 · 49 129 · 58 129 · 58 129 · 49 129 · 49	$\begin{array}{c} 129 \cdot 41 \\ 129 \cdot 24 \\ 128 \cdot 91 \\ 128 \cdot 83 \\ 128 \cdot 66 \end{array}$	128 · 08 128 · 08 128 · 16 128 · 16 128 · 16	127-99 128-08 128-08 128-33 128-33	129 · 83 129 · 83 129 · 74 129 · 74 129 · 74	$133 \cdot 49$ $133 \cdot 33$ $133 \cdot 16$ $132 \cdot 99$ $132 \cdot 83$	131 · 41 131 · 41 131 · 49 131 · 49 131 · 41	130 · 66 130 · 58 130 · 49 130 · 49 130 · 41
11	133 · 33 133 · 49 133 · 49 133 · 66 134 · 16	138 · 16 138 · 16 138 · 16 138 · 08 138 · 08	135 · 83 135 · 66 135 · 49 135 · 33 135 · 16	131 · 16 130 · 99 130 · 99 130 · 91 130 · 91	129 · 58 129 · 58 129 · 66 129 · 66 129 · 66	128-91 128-99 128-91 128-91 128-91	$\begin{array}{c} 128 \cdot 16 \\ 128 \cdot 16 \\ 128 \cdot 16 \\ 128 \cdot 16 \\ 128 \cdot 24 \end{array}$	$\begin{array}{c} 128 \cdot 41 \\ 128 \cdot 49 \\ 128 \cdot 49 \\ 128 \cdot 58 \\ 128 \cdot 66 \end{array}$	129 · 66 129 · 66 129 · 66 129 · 58 129 · 58	$132 \cdot 66$ $132 \cdot 66$ $132 \cdot 66$ $132 \cdot 49$ $132 \cdot 49$	131 · 41 131 · 41 131 · 33 131 · 33 131 · 24	130 · 41 130 · 33 130 · 33 130 · 24 130 · 24
16	134 · 66 134 · 83 134 · 99 135 · 33 135 · 49	137 · 91 137 · 91 137 · 66 137 · 66 137 · 66	135 · 08 134 · 99 134 · 99 134 · 99 134 · 66	130 · 91 130 · 83 130 · 66 130 · 49 130 · 33	129 · 66 129 · 66 129 · 66 129 · 66 129 · 66	128 · 83 128 · 74 128 · 74 128 · 74 128 · 74	128 · 24 128 · 24 128 · 16 128 · 08 128 · 08	128 · 74 128 · 83 128 · 99 129 · 08 129 · 16	$\begin{array}{c} 129 \cdot 58 \\ 129 \cdot 49 \\ 129 \cdot 58 \\ 129 \cdot 66 \\ 129 \cdot 83 \end{array}$	$132 \cdot 33$ $132 \cdot 16$ $132 \cdot 16$ $131 \cdot 99$ $131 \cdot 99$	131 · 24 131 · 16 131 · 16 131 · 08 131 · 08	130 · 16 130 · 16 130 · 16 130 · 08 130 · 08
21 22 23 24 25	135 · 66 135 · 83 135 · 99 136 · 16 136 · 33	137 · 16 136 · 66 136 · 16 135 · 91 135 · 66	134 · 66 134 · 49 134 · 49 134 · 41 134 · 24	$130 \cdot 16$ $130 \cdot 16$ $129 \cdot 99$ $129 \cdot 91$ $129 \cdot 91$	129 · 66 129 · 74 129 · 83 129 · 83 129 · 91	128 · 66 128 · 66 128 · 66 123 · 66 128 · 58	128 · 08 127 · 99 127 · 99 127 · 99 127 · 99	129 · 33 129 · 41 129 · 24 129 · 16 129 · 16	$\begin{array}{c} 129 \cdot 99 \\ 130 \cdot 16 \\ 130 \cdot 24 \\ 130 \cdot 24 \\ 130 \cdot 33 \end{array}$	131 · 91 131 · 91 131 · 83 131 · 83 131 · 83	130 · 99 130 · 99 130 · 91 130 · 91 130 · 83	130.08 129.99 129.99 129.99 129.91
26	136-66 137-16 137-16 137-16 137-16	135 · 66 135 · 66 135 · 41 135 · 16 134 · 91 135 · 16	134 · 08 133 · 91 133 · 83 133 · 66 133 · 66	129 · 74 129 · 49 129 · 49 129 · 49 129 · 49	129 · 99 129 · 83 129 · 83 129 · 83 129 · 74 129 · 66	128 · 58 128 · 58 128 · 24 128 · 16 128 · 24	127-99 127-91 127-91 127-91 127-83 127-83	129 · 16 129 · 41 129 · 49 129 · 58 128 · 66	130 · 41 132 · 16 132 · 66 133 · 16 133 · 66 134 · 16	131 · 66 131 · 66 131 · 74 131 · 66 131 · 66	130-83 130-83 130-83 130-99	129-91 129-83 129-74 129-66 129-66 129-66

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1896-97.

										TA	BLE No	342.
1 2 3 4 5	129 · 66 129 · 49 129 · 41 129 · 41 129 · 33	138 · 66 138 · 66 138 · 66 138 · 41 138 · 41	133 · 91 133 · 99 133 · 91 133 · 91 133 · 83	131 · 83 131 · 66 131 · 49 131 · 49 131 · 41	130 · 66 130 · 49 130 · 41 130 · 41 130 · 41	128-66 128-66 128-83 128-83 128-83	128 · 66 128 · 83 128 · 99 129 · 08 129 · 08	129 · 41 129 · 49 129 · 41 129 · 41 129 · 83	133 · 33 133 · 33 133 · 24 133 · 24 133 · 16	131 · 74 131 · 74 131 · 66 131 · 66 131 · 66	131 · 08 131 · 08 131 · 08 130 · 99 130 · 66	129 · 33 129 · 24 129 · 24 129 · 16 129 · 16
6 7 8 9 10	$\begin{array}{c} 129\cdot 41 \\ 129\cdot 49 \\ 129\cdot 58 \\ 129\cdot 66 \\ 129\cdot 83 \end{array}$	138 · 33 138 · 33 138 · 16 138 · 08 137 · 99	$\begin{array}{c} 133 \cdot 74 \\ 133 \cdot 74 \\ 133 \cdot 91 \\ 134 \cdot 16 \\ 134 \cdot 24 \end{array}$	$131 \cdot 41$ $131 \cdot 33$ $131 \cdot 24$ $131 \cdot 24$	130 · 33 130 · 16 130 · 08 129 · 91 129 · 83	$\begin{array}{c} 128 \cdot 91 \\ 128 \cdot 91 \\ 128 \cdot 83 \\ 128 \cdot 83 \\ 128 \cdot 66 \end{array}$	129·33 129·33 129·41 129·41 129·41	130 · 91 131 · 16 131 · 66 131 · 83 131 · 91	133 · 16 133 · 08 132 · 99 132 · 99 132 · 99	$131 \cdot 66$ $131 \cdot 66$ $131 \cdot 58$ $131 \cdot 58$ $131 \cdot 58$	130 · 33 130 · 33 129 · 99 129 · 83 129 · 66	129 · 16 129 · 08 129 · 08 129 · 08 129 · 16
11 12 13 14 15	$\begin{array}{c} 131 \cdot 16 \\ 131 \cdot 66 \\ 132 \cdot 66 \\ 134 \cdot 16 \\ 135 \cdot 33 \end{array}$	137-99 137-99 137-83 137-83 137-83	$\begin{array}{c} 134 \cdot 33 \\ 134 \cdot 66 \\ 134 \cdot 66 \\ 134 \cdot 33 \\ 134 \cdot 33 \end{array}$	$\begin{array}{c} 131 \cdot 16 \\ 131 \cdot 24 \\ 131 \cdot 24 \\ 131 \cdot 33 \\ 131 \cdot 33 \end{array}$	129 · 83 129 · 83 129 · 74 129 · 74 129 · 66	128 · 66 128 · 66 128 · 66 128 · 66 128 · 66	129 · 41 129 · 41 129 · 41 129 · 49 129 · 58	$132 \cdot 08$ $132 \cdot 24$ $132 \cdot 66$ $132 \cdot 66$ $132 \cdot 66$	$\begin{array}{c} 132 \cdot 99 \\ 132 \cdot 91 \\ 132 \cdot 83 \\ 132 \cdot 74 \\ 132 \cdot 66 \end{array}$	131 · 58 131 · 49 131 · 49 131 · 49 131 · 49	129 · 66 129 · 66 129 · 58 129 · 58 129 · 58	$\begin{array}{c} 129 \cdot 16 \\ 129 \cdot 08 \\ 128 \cdot 99 \\ 128 \cdot 99 \\ 128 \cdot 99 \end{array}$
16 17 18 19	136 · 33 136 · 66 137 · 16 138 · 16 138 · 66	137-66 137-83 137-66 137-66 137-33	133 · 99 133 · 99 133 · 66 133 · 49 133 · 33	$\begin{array}{c} 131 \cdot 24 \\ 131 \cdot 16 \\ 131 \cdot 16 \\ 131 \cdot 16 \\ 131 \cdot 08 \end{array}$	129 · 66 129 · 66 129 · 58 129 · 58 129 · 58	$\begin{array}{c} 128\cdot 66 \\ 128\cdot 66 \end{array}$	$\begin{array}{c} 129\cdot 58 \\ 129\cdot 49 \\ 129\cdot 49 \\ 129\cdot 58 \\ 129\cdot 58 \end{array}$	$132 \cdot 66$ $132 \cdot 66$ $132 \cdot 66$ $132 \cdot 49$ $132 \cdot 49$	$\begin{array}{c} 132 \cdot 58 \\ 132 \cdot 49 \\ 132 \cdot 49 \\ 132 \cdot 41 \\ 132 \cdot 33 \end{array}$	131 · 41 131 · 41 131 · 41 131 · 41 131 · 41	129 · 58 129 · 49 129 · 49 129 · 49 129 · 49	128-91 128-91 128-91 129-08 129-16
21 22 23 24 25	139 · 16 139 · 66 139 · 91 139 · 66 139 · 41	$\begin{array}{c} 136 \cdot 99 \\ 136 \cdot 66 \\ 136 \cdot 16 \\ 135 \cdot 66 \\ 135 \cdot 16 \end{array}$	$\begin{array}{c} 133 \cdot 16 \\ 132 \cdot 99 \\ 132 \cdot 83 \\ 132 \cdot 66 \\ 132 \cdot 66 \end{array}$	$\begin{array}{c} 131 \cdot 16 \\ 131 \cdot 16 \\ 131 \cdot 24 \\ 131 \cdot 16 \\ 130 \cdot 99 \end{array}$	129 · 41 129 · 33 129 · 16 129 · 16 129 · 16	128 · 66 128 · 74 128 · 74 128 · 74 128 · 74	129·41 129·41 129·41 129·41 •129·41	$\begin{array}{c} 132 \cdot 49 \\ 132 \cdot 66 \\ 132 \cdot 74 \\ 132 \cdot 83 \\ 132 \cdot 83 \end{array}$	$\begin{array}{c} 132 \cdot 24 \\ 132 \cdot 16 \\ 132 \cdot 16 \\ 132 \cdot 16 \\ 132 \cdot 16 \end{array}$	131 · 33 131 · 33 131 · 33 131 · 33 131 · 24	129-41 129-41 129-41 129-41 129-33	129 · 66 129 · 99 130 · 33 130 · 66 130 · 83
26	138 · 66 138 · 66	134 · 66 134 · 33 133 · 99 134 · 08 133 · 99 133 · 99	132 · 66 132 · 49 132 · 33 132 · 16 131 · 99	130 · 99 130 · 83 130 · 83 130 · 66 130 · 66	$\begin{array}{c} 129\cdot 16 \\ 129\cdot 08 \\ 129\cdot 08 \\ 128\cdot 99 \\ 128\cdot 91 \\ 128\cdot 83 \end{array}$	128 · 83 128 · 83 128 · 83 128 · 66 128 · 58	$\begin{array}{c} 129 \cdot 41 \\ 129 \cdot 41 \\ 129 \cdot 41 \\ 129 \cdot 41 \\ 129 \cdot 33 \\ 129 \cdot 33 \end{array}$	132-91 132-99 133-16 133-16	132·08· 131·99 131·91 131·83 131·74 131·74	131 · 24 131 · 24 131 · 24 131 · 16 131 · 16	129 · 33, 129 · 33 129 · 33	130 · 99 131 · 16 131 · 33 131 · 33 131 · 49 131 · 49

6 GEORGE V. A. 1916

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1897-98.

TABLE No. 343.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	131 · 66 131 · 83 131 · 99 132 · 16 132 · 33	139 · 66 139 · 83 139 · 91 139 · 99 139 · 83	137 · 66 137 · 33 137 · 16 136 · 66 136 · 66	133 · 66 133 · 49 133 · 16 132 · 99 132 · 83	130 · 83 130 · 74 130 · 66 130 · 49 130 · 33	130 · 16 130 · 24 130 · 16 130 · 16 130 · 08	128-41 128-41 128-41 128-41 128-33	129 · 41 129 · 41 129 · 66 129 · 66 129 · 74	129 · 58 129 · 58 129 · 66 129 · 74 129 · 74	130 · 58 130 · 58 130 · 58 130 · 49 130 · 49	129 · 74 129 · 74 129 · 74 129 · 66 129 · 66	129-66 129-66 129-66 129-66 129-58
6	132 · 49 132 · 83 132 · 99 133 · 16 133 · 16	139 · 66 139 · 66 139 · 66 139 · 66 139 · 66	136 · 49 136 · 33 136 · 16 136 · 16 135 · 99	132 · 66 132 · 66 132 · 49 132 · 16 131 · 99	130 · 16 129 · 99 129 · 91 129 · 83 129 · 99	130.08 130.08 129.99 129.91 129.83	128-33 128-33 128-16 128-16 128-08	129 · 83 129 · 83 129 · 74 129 · 74 129 · 83	129:83 129:91 129:99 130:08 130:24	130 · 41 130 · 41 130 · 33 130 · 33 130 · 33	$\begin{array}{c} 129 \cdot 66 \\ 129 \cdot 58 \\ 129 \cdot 58 \\ 129 \cdot 58 \\ 129 \cdot 49 \end{array}$	129 · 49 129 · 58 129 · 58 129 · 58 129 · 58
11	133 · 16 133 · 24 133 · 16 133 · 08 132 · 99	139 · 66 139 · 49 139 · 16 138 · 66 138 · 49	135 · 99 135 · 99 136 · 16 136 · 16 136 · 16	131 · 99 131 · 91 131 · 91 131 · 66 131 · 66	130 · 08 130 · 08 130 · 16 130 · 16 130 · 16	$\begin{array}{c} 129 \cdot 74 \\ 129 \cdot 66 \\ 129 \cdot 66 \\ 129 \cdot 66 \\ 129 \cdot 49 \end{array}$	128 · 08 128 · 08 128 · 08 128 · 08 128 · 08	$\begin{array}{c} 129\cdot 66 \\ 129\cdot 74 \\ 129\cdot 74 \\ 129\cdot 66 \\ 129\cdot 66 \end{array}$	130 · 33 130 · 41 130 · 49 130 · 58 130 · 58	$\begin{array}{c} 130 \cdot 24 \\ 130 \cdot 24 \end{array}$	129 · 49 129 · 49 129 · 49 129 · 66 129 · 66	129 · 66 130 · 16 130 · 66 133 · 16 134 · 66
16	132 · 83 132 · 99 133 · 16 133 · 33 133 · 33	138 · 49 138 · 33 138 · 24 137 · 99 137 · 83	135 · 99 135 · 99 135 · 99 135 · 99 135 · 66	131 · 66 131 · 49 131 · 16 131 · 16 131 · 08	130 · 24 130 · 33 130 · 33 130 · 41 130 · 41	129 · 49 129 · 49 129 · 41 129 · 41 129 · 33	127 · 99 127 · 99 128 · 08 128 · 16 128 · 24	129 · 74 129 · 66 129 · 41 129 · 49 129 · 49	130 · 66 130 · 74 130 · 83 130 · 99 131 · 16	130 · 16 130 · 16 130 · 16 130 · 08 130 · 08	129 · 66 129 · 83 129 · 83 129 · 83 129 · 83	135·33 135·66 135·83 135·99 136·33
21 22 23 24 25	133 · 41 133 · 49 133 · 49 133 · 66 135 · 16	137 · 83 137 · 83 138 · 33 138 · 33 138 · 66	135 · 66 135 · 66 135 · 16 135 · 16 134 · 91	130 · 99 130 · 99 130 · 83 130 · 66 130 · 66	130 · 41 130 · 49 130 · 49 130 · 58 130 · 66	129·33 128·99 128·66 128·66 128·58	128 · 33 128 · 41 128 · 58 128 · 66 128 · 83	129 · 49 129 · 58 129 · 49 129 · 49 129 · 49	131 · 16 131 · 16 131 · 08 130 · 99 130 · 83	$130 \cdot 08$ $130 \cdot 08$ $130 \cdot 08$ $129 \cdot 99$ $129 \cdot 99$	129 · 74 129 · 74 129 · 66 129 · 66 129 · 66	136 · 33 136 · 16 135 · 66 135 · 66 135 · 66
26. 27. 28. 29. 30.	135-66 136-66 137-66 138-66 139-16	138 · 66 138 · 83 138 · 83 138 · 49 138 · 16 137 · 99	134 · 66 134 · 41 134 · 16 133 · 99 134 · 16	130 · 58 130 · 58 130 · 58 130 · 66 130 · 66 130 · 83	130-66 130-66 130-66 130-66 130-66	128-49 128-49 128-41 128-41 128-41	128-99 129-16 129-16 129-33 129-33 129-33	129-49 129-58 129-49 129-49 129-49	130 · 74 130 · 66 130 · 66 130 · 66 130 · 66 130 · 66	129 · 91 129 · 91 129 · 91 129 · 83 129 · 83 129 · 74	129 · 66 129 · 66 129 · 66	135 · 16 135 · 16 135 · 16 135 · 66 135 · 66 135 · 16

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1898-99.

TABLE No. 344. 129-83 135 · 33 135 · 16 134 · 99 135 · 66 135 · 49 135 · 66 135 · 66 134 - 16 130 · 41 130 · 33 129 · 66 129 · 58 129 · 58 129 · 66 129 · 66 131 · 16 131 · 16 130 - 49 129 · 83 129 · 74 134 · 16 134 · 16 130,40 135.66 135 - 16 130 - 16 135.66 130.41 135-49 134 - 99 135 - 08 134-08 130 - 08 129-66 132-66 131.08 130-41 129 · 91 129 · 91 129 · 91 129 · 91 129 · 91 134 - 83 134 - 83 133 - 83 129 - 66 129 - 66 132 · 49 132 · 33 131.08 130 - 41 129 - 66 135 - 16 134 - 66 134 - 49 133 - 66 129 - 66 129 - 58 130 · 99 130 · 99 130 - 41 129-66 134 - 66 134 · 41 134 · 33 129 · 66 129 · 66 130.41 134 - 66 133 - 83 129 - 58 134 - 16 134-66 133 - 49 131 - 66 129 - 66 10 130 - 33 133-99 134 - 49 129-66 129-66 129 - 49 131.66 131-16 129 · 66 129 · 66 133 - 99 133 - 49 134 · 33 134 · 33 131 · 66 131 · 66 130-91 133.99 129 - 83 133 - 99 129 - 66 129 - 49 130-91 129 · 74 129 · 74 129 · 74 134 - 16 129 - 58 131 - 66 130 - 91 130 - 24 133 - 16 $134 \cdot 24$ 134 - 16 132-66 129.83 129 - 49 129 - 66 131-66 130 - 99 130 - 91 133 - 33 134 - 24 $134 \cdot 16$ 130 - 99 130-91 129 · 74 129 · 66 129 · 66 133 · 99 133 · 83 133 · 83 130 - 16 129 · 49 129 · 58 129 · 49 131-66 130-91 130 - 24 130 · 24 130 · 24 130 · 16 130 · 16 $130 \cdot 99$ 130 - 91 130 - 83 130.99 129.66 133 - 66 133 - 99 132 - 16 130.33 129 - 49 130 - 16 131 - 99 130 - 91 130 - 83 129 · 74 129 · 74 129 · 74 129 · 74 129 · 74 133 · 66 133 · 33 132 · 99 132 · 99 132 · 99 134-66 131-99 130 - 33 129-49 130 - 16 132 · 16 132 · 16 131-08 130 - 83 130 · 83 130 · 74 130 · 74 130 · 74 134 - 66 131-99 130 - 24 129 - 49 130 - 58 130 - 16 134 · 99 135 · 16 135 · 33 130 - 24 133 · 99 134 · 16 131 · 66 131 · 66 130 · 16 130 · 16 130.08 26. 27. 28. 135-33 129-58 129.99 129 - 66 134-49 130-66 129 · 83 129 · 66 129 - 66 130 - 66 131-66 130 - 58 129 66 135-66 132 · 41 132 · 33 132 · 66 129 - 66 135 · 66 135 · 66 30 135 - 66 130 - 99 129·58 129·58 129.58 131-08 131-08 130 - 66

SESSIONAL PAPER No. 19a

ELEVATIONS of above M.S.L. Ottawa River at Upper Grenville, for 1899-1900.

TABLE No. 345.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
	129 - 74	139-66	137 - 33	133 - 49	131-49	128 - 83	131 · 16	130 - 33	129 - 24	130-66	129 · 16	129 - 66
	129·74 129·74	140·16 140·66	137 · 33 137 · 24	133 · 16 132 · 99	131 - 49	128 · 83 128 · 83	131 · 16	130 - 33	129 - 24	130 - 66	129·16 129·16	129 - 66
	129 - 83	141-16	137 - 24	132.91	131.49	128 - 83	131 - 49	130.33	129-16	130 - 41	129.10	129.6
	129 - 83	141-33	137.33	132 · 83	131 - 41	128 - 66	131-66	130 - 33	129 - 16	130 - 41	129.08	129 - 49
	129 - 91	141-66	137.33	132-66	131 - 24	128 - 66	131 - 66	130 - 33	129 - 16	130 - 33	129.08	129 - 49
	130 · 08 130 · 16	141·91 141·91	137 · 16 137 · 16	132 · 49 132 · 33	131 · 16 130 · 99	128-58 128-58	131 · 49 131 · 41	130 · 41 130 · 41	129 · 24 129 · 16	130 · 33 130 · 16	129·08 129·16	129 · 4 129 · 4
	130 - 16	141-66	136-99	132 - 66	130 - 83	128 - 41	131 - 33	130 - 16	129-16	130 - 16	129 16	129-4
)	130 - 33	141-41	136-66	133 · 16	130.83	128.33	131 · 16	130 · 08	129 · 16	130 - 16	129-66	129-4
	130 - 49	141 - 24	136 - 16	133-66	130 - 66	128-33	131.08	129 - 99	129-24	130.08	129.83	129-4
	130 - 99	141.08	135 - 99	133 - 91	130 - 41	128 - 33	130 - 83	129-91	129 - 33	130.08	129 · 83	129.3
	131·49 132·49	140 · 83 140 · 41	135 · 66 135 · 66	134 · 16 133 · 83	130 · 33 130 · 33	128 · 33 128 · 33	130 · 66	129·91 129·91	129-66 129-66	130 · 08 129 · 99	129 · 99 130 · 33	129·3 129·2
	133 - 66	140 - 16	135-49	133 - 66	130 - 16	128-16	129 - 91	129 - 83	130 - 66	129.99	130 - 49	129 - 1
	134 - 66	139 - 66	135-66	133-16	129 - 99	128-08	129.91	129.83	130-66	129.99	130 - 66	129 - 1
	135 · 16	139 - 33	135 - 49	132.99	129.83	127-99	129.91	129.66	130 - 83	129.99	130 - 66	129 · 1
	135 · 33	138 · 99 138 · 83	135 · 16	132·83 132·66	129 · 66 129 · 58	127-91 127-91	129.99	129 - 66	130 - 83	129.99	130 - 66	129·0 129·0
	136.08	138-49	134 - 91	132 - 66	129 - 49	127 - 91	129.91	129 - 49	130 - 66	130.08	130 - 66	129.0
	136-66	138-33	134 - 66	132.58	129-41	127-99	129-91	129-49	130 - 66	130.08	130 - 66	128 - 9
	136 · 83	138-16	134 - 49	132 - 49	129.33	128-08	129 - 91	129 - 41	130 - 66	130 - 16	130 - 66	128-9
	136 · 99 137 · 16	137 · 66 137 · 49	134 · 49 134 · 16	132 · 49 132 · 33	129·24 129·16	128 · 08 128 · 16	129·91 129·91	129 · 41 129 · 49	130 - 83	130 · 16 130 · 08	130 · 49 130 · 33	128 · 8 128 · 6
	137 - 49	137 - 16	133 - 99	132 - 16	129-16	128 - 24	129.99	129 - 49	130 - 99	130.08	130 - 16	128 - 6
	137-66	136-91	133 - 83	131.99	129.08	128-66	129.99	129 - 41	130-99	129-91	129 - 99	128-4
	138 - 16	136 · 83	133 - 83	131 - 91	128-99	129 - 16	129 - 91	129 - 41	130 - 99	129.74	129 - 83	128-4
	138 · 33 138 · 91	136 · 83 136 · 91	133 - 66 133 - 66	131 · 83 131 · 66	128 · 99 128 · 91	129 · 58 129 · 83	129·91 129·99	129·33 129·33	130 · 83	129 · 49 129 · 41	129-66	128 - 6
	139 - 16	137 - 16	133 - 66	131 - 66	128-91	131 - 16	130.33	129.33	130 - 83	129.41		128 - 1
		137 - 16	100 00	131.49	128-83	101 10	130 - 33	123 24	130 - 83	129 - 33		129

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1900-01.

TABLE No. 346. 137 · 66 137 · 16 137 · 16 137 · 16 129.66 133 · 16 132 · 83 132 · 99 130-41 130-41 131 - 41 130 - 66 131 - 33 130 - 33 128-49 127-49 127-49 127-49 127-49 127-49 129 · 99 130 · 16 131 · 41 131 · 49 130 - 66 128-41 130 - 24 139 - 49 130 - 66 128-41 $130 \cdot 24$ 135-16 132-66 130 - 49 130 - 66 131 - 49 130 - 24 130 - 33 136 - 66 130 - 66 131-40 120 - 16 131 - 99 129 · 91 129 · 83 129 · 83 136.66 135 · 16 135 · 16 134 · 91 132 · 16 132 · 24 132 · 33 132-66 130 - 41 131 - 58 128 · 24 128 · 16 130-66 127-41 127-41 127-41 132-66 130 - 49 130 - 66 131 - 58 130 - 16 130 - 08 128-08 132 - 66 136-33 134-66 136-33 134 - 49 $132 \cdot 99$ 132 - 66 129.66 $130 \cdot 49$ 130 - 99 130 - 99 130.08 127.99 127-99 127-91 127-83 127-74 127 · 41 127 · 41 127 · 41 127 · 41 132 · 66 132 · 66 132 · 66 136-41 133 - 16 129.66 130-83 136 · 33 135 · 99 132 · 33 132 · 24 129 · 66 129 · 66 130 · 66 130 · 83 130 - 33 130 - 16 130 - 66 129.99 129 - 66 130 - 91 130 - 16 130 - 58 $129 \cdot 91$ 132 - 49 129 - 66 130 - 91 130 - 16 130 - 58 127 - 66 129.83 127-66 127-58 127-49 127-58 127-58 132.66 132.91 135 · 49 135 · 41 135 · 66 133-49 131.99 130-16 130-49 199.74 131.99 130 - 49 133-16 134 - 66 131.99 130 - 49 134 - 16 132 - 99 129 99 130-08 130-49 129.33 135-74 131-66 20 129.99 130 - 66 130-41 129-16 127 · 16 127 · 08 127 · 08 127 · 08 135-33 130 - 99 127 · 66 127 · 66 127 · 66 127 · 66 127 · 66 135 - 66 132 · 66 132 · 33 132 · 33 134 · 33 134 · 16 133 · 83 131-49 130 - 16 131-33 130 - 41 $129 \cdot 16$ 136 · 16 136 · 66 131 - 49 130 - 83 130 - 41 129.08 131-49 130-66 133 - 33 128 - 99 136 · 99 137 · 16 133 - 66 130 - 49 130 - 66 130 - 49 131 - 16 $130 \cdot 49$ 130 - 66 132-41 130 - 49 128 - 83 127 - 16 137·91 137·91 127 · 58 127 · 58 127 · 58 134-66 131 - 66 133 - 66 131 - 16 $130 \cdot 41$ 130-66 132 - 16 130 - 41 133 - 66 130 - 66 134 - 49 130 · 99 130 · 91 $130 \cdot 33$ $131 \cdot 91$ 130 · 41 130 · 41 $128 \cdot 66$ 134 - 49 133 - 66 130 - 41 $130 \cdot 49$ 131 - 66 128 - 16 130 - 41 134.33 133 - 33 130.66 130 - 33 130 - 58 130 - 33 134 - 24 130 - 66 133 - 16 130 - 49 130.33 128 - 49 128-16

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1901-02.

TABLE No. 347

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	128-66	138-49	135 - 33	132 · 16	129 - 66	128-49	126.74	128 - 16	127-83	129-91	128-99	127-9
2 3	128 · 99 129 · 33	138·49 138·41	135 · 33 135 · 66	132 · 16 131 · 99	129 · 49 129 · 49	128 · 58 128 · 58	126·83 126·91	128 · 16 128 · 16	127·83 127·83	129 · 91 129 · 91	128 · 99 128 · 91	128 · 6 129 · 4
	130 - 16	138-41	135 - 66	131.83	129.49	128-66	127 - 16	128 - 16	127.83	129.91	128 - 91	129.4
5	132 - 16	138-24	135 - 66	131-66	129 - 49	128-66	127 - 24	128 - 24	127-91	129.83	128-91	129 ⋅ €
3	133 - 16	138 - 24	135 - 83	131 - 33	129 - 16	128-66	127-08	128 - 24	127-83	129.83	128 - 83	129 - 9
7	134 · 33 135 · 16	138 · 16 137 · 99	136-16 135-99	131·16 131·16	129·08 128·99	128-66 128-66	127 · 16 127 · 16	128 · 16 128 · 24	127-83 127-91	129·83 129·83	128 · 66 128 · 66	130 - 1
)	135 - 66	137 - 66	135-91	130 - 99	128-99	128-66	127 - 24	128 - 33	127-91	129.74	128 - 66	130 - 6
0	135-66	137-33	135-83	130-83	128 · 99	128-49	127 - 24	128 - 33	127-91	129 - 74	128-58	130 - 6
1	136.08	137 - 16	135 - 66	130 - 83	128 - 99	128-41	127-16	128-41	127 - 99	129 - 74	128 - 58	130 ⋅ €
2	136 · 16 136 · 24	136·99 136·91	135 · 66 135 · 33	130 · 74 130 · 66	129·08 129·08	128 · 16 128 · 08	127 · 24 127 · 33	128-41 128-41	128 · 16 128 · 24	129 · 66	128 · 58 128 · 49	130 - 6
1	136-08	136.83	135-33	130 - 58	128-99	127.83	127-33	128 - 49	129-16	129.58	128-41	131 -
5	135-91	136 · 74	134 - 83	130 · 49	128-99	127-66	127.33	128 - 49	130-66	129 - 58	128-41	131-6
6	135 - 83	136-66	134 - 66	130.33	129-08	127-99	127-66	128 - 49	130 - 66	129.58	128-33	132-
7	135 · 74 135 · 83	136 · 66 136 · 33	134 · 49 134 · 16	130 · 24 129 · 99	128 · 99 128 · 83	127 · 66 127 · 66	127·83 127·99	128 · 58 128 · 49	130 · 66 130 · 58	129 · 58 129 · 58	128 · 33 128 · 33	133 -
9	135 - 83	136.33	134 - 16	129.99	128 - 83	127-66	127 - 99	128-49	130 - 49	129.58	128 - 24	134
)	136 · 16	136-16	133 - 83	129-91	128 - 66	127-58	128-16	128-49	130-41	129 - 58	128-24	134
1	136 - 66	136-16	133-66	129-83	128-66	127-41	128-16	128 - 49	130-33	129.58	128 - 16	134.
3	137 - 16	136 - 24	133 - 58	129 - 74	128 - 66	127 - 33	128 · 33 128 · 33	128-49	130 · 24 130 · 16	129·66 129·58	128 · 16 127 · 99	134
1	137 · 66 138 · 16	136-16	133 · 49 133 · 16	129·58 129·49	128 · 66 128 · 58	127 · 24 127 · 16	128-33	128-58 128-58	130 - 16	129-58	127.99	134 -
	138 - 66	136-16	133-16	129.49	128 - 49	127.08	128 - 16	128 - 58	130.08	129-41	127 - 91	134-
8	138-66	135-99	132 - 99	129-41	128-49	126-99	127-99	128.58	130.08	129 - 41	127.83	134
7	138 - 66	135-83	132 · 83	129 · 33	129 - 58	126-91	127-99	128.08	129-99	128-33	127.74	135 -
9	138 · 58 138 · 58	135-66 135-66	132 · 66 132 · 49	129·33 129·33	129 · 58 128 · 58	126-91 126-66	128-16 127-99	127·91 127·83	129·99 129·99	129·33 129·24	127-66	134 -
Ď	138 - 38	135-56	132 - 49	129 - 33	128 - 58	126-83	127-99	127 - 83	129.99	129 - 24		135
1	100 10	135 - 33	102 00	129.74	128-58	120 00	128-16	121 11	129.99	128-99		136-

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1902-03.

TABLE No. 348

										1	ABLE N	0. 345
1 2 3 4 	136·41 136·66 136·66 136·49 136·41	136 · 16 136 · 16 136 · 16 136 · 49 136 · 66	$\begin{array}{c} 135 \cdot 24 \\ 135 \cdot 24 \\ 135 \cdot 24 \\ 135 \cdot 33 \\ 135 \cdot 33 \end{array}$	133 · 66 133 · 49 133 · 49 133 · 49 133 · 49	$131 \cdot 16$ $131 \cdot 08$ $131 \cdot 16$ $131 \cdot 24$ $131 \cdot 16$	129 · 66 129 · 49 129 · 41 129 · 33 129 · 24	128-91 128-99 128-99 128-99 128-99	129 · 99 129 · 99 129 · 99 130 · 24 129 · 99	$\begin{array}{c} 132\cdot 66 \\ 132\cdot 66 \\ 132\cdot 66 \\ 132\cdot 66 \\ 132\cdot 49 \end{array}$	131 · 83 131 · 83 131 · 74 131 · 74 131 · 74	130 · 49 130 · 41 130 · 33 130 · 33 130 · 24	129 - 74 129 - 83 129 - 99 130 - 16 130 - 16
6	136 · 16 135 · 99 135 · 83 135 · 66 135 · 66	136 · 58 136 · 66 136 · 66 136 · 58 136 · 49	135 · 33 135 · 33 135 · 41 135 · 41 135 · 49	$133 \cdot 33$ $133 \cdot 33$ $133 \cdot 16$ $133 \cdot 16$ $132 \cdot 99$	131 · 24 131 · 24 131 · 33 131 · 24 131 · 16	129 · 16 129 · 16 129 · 16 129 · 33 129 · 16	$\begin{array}{c} 129\cdot08 \\ 129\cdot16 \\ 129\cdot16 \\ 129\cdot16 \\ 129\cdot16 \\ 129\cdot16 \end{array}$	$\begin{array}{c} 130 \cdot 08 \\ 130 \cdot 08 \\ 130 \cdot 08 \\ 130 \cdot 08 \\ 130 \cdot 16 \end{array}$	$132 \cdot 49$ $132 \cdot 49$ $132 \cdot 33$ $132 \cdot 33$ $132 \cdot 33$	131 · 66 131 · 66 131 · 58 131 · 58	130 · 16 130 · 08 130 · 08 130 · 08 129 · 99	130 · 33 130 · 49 130 · 49 130 · 6
11	135 · 83 135 · 66 135 · 66 135 · 66 135 · 66	136-33 136-16 136-16 136-16 136-16	$\begin{array}{c} 135 \cdot 33 \\ 135 \cdot 24 \\ 135 \cdot 16 \\ 135 \cdot 16 \\ 135 \cdot 16 \end{array}$	$132 \cdot 99$ $132 \cdot 66$ $132 \cdot 66$ $132 \cdot 33$ $132 \cdot 16$	131 · 16 130 · 83 130 · 83 130 · 83 130 · 83	128-99 128-91 128-91 128-83 128-83	$\begin{array}{c} 129 \cdot 24 \\ 129 \cdot 16 \\ 129 \cdot 16 \\ 129 \cdot 24 \\ 129 \cdot 24 \end{array}$	129 · 99 130 · 16 130 · 66 130 · 83 130 · 99	$\begin{array}{c} 132 \cdot 24 \\ 132 \cdot 24 \\ 132 \cdot 24 \\ 132 \cdot 16 \\ 132 \cdot 08 \end{array}$	131·58 131·49 131·49 131·41 131·41	$\begin{array}{c} 129\cdot 83 \\ 129\cdot 74 \\ 129\cdot 74 \\ 129\cdot 66 \\ 129\cdot 58 \end{array}$	131 · 33 132 · 33 132 · 83 132 · 96 133 · 16
16	135 · 49 135 · 41 135 · 33 135 · 33 135 · 24	136 · 16 136 · 16 135 · 99 135 · 66 135 · 83	$135 \cdot 16$ $135 \cdot 16$ $135 \cdot 16$ $134 \cdot 99$ $134 \cdot 66$	$\begin{array}{c} 132 \cdot 16 \\ 132 \cdot 16 \end{array}$	130 · 83 130 · 66 130 · 66 130 · 66	128-91 128-83 128-91 128-99 129-08	$\begin{array}{c} 129 \cdot 24 \\ 129 \cdot 16 \\ 129 \cdot 16 \\ 129 \cdot 49 \\ 129 \cdot 58 \end{array}$	$\begin{array}{c} 130 \cdot 99 \\ 131 \cdot 16 \\ 131 \cdot 41 \\ 131 \cdot 66 \\ 132 \cdot 16 \end{array}$	$\begin{array}{c} 132\cdot 08 \\ 132\cdot 08 \\ 132\cdot 08 \\ 132\cdot 08 \\ 132\cdot 16 \end{array}$	131 · 33 131 · 24 131 · 16 131 · 16 131 · 08	$\begin{array}{c} 129\cdot 49 \\ 129\cdot 41 \\ 129\cdot 33 \\ 129\cdot 33 \\ 129\cdot 24 \end{array}$	133 · 33 133 · 49 133 · 60 133 · 83 134 · 49
21 22 23 24 25	$135 \cdot 16$ $135 \cdot 16$ $135 \cdot 16$ $135 \cdot 08$ $135 \cdot 08$	135 · 33 135 · 16 134 · 99 134 · 91 134 · 99	134 · 66 134 · 49 134 · 49 134 · 49 133 · 99	$\begin{array}{c} 132\cdot 16 \\ 132\cdot 08 \\ 132\cdot 08 \\ 131\cdot 99 \\ 131\cdot 83 \end{array}$	130 · 49 130 · 66 130 · 66 130 · 66 130 · 49	$\begin{array}{c} 129\cdot08 \\ 129\cdot08 \\ 128\cdot91 \\ 129\cdot08 \\ 129\cdot16 \end{array}$	$\begin{array}{c} 129 \cdot 58 \\ 129 \cdot 66 \\ 129 \cdot 66 \\ 129 \cdot 66 \\ 129 \cdot 66 \end{array}$	$132 \cdot 49$ $132 \cdot 83$ $132 \cdot 99$ $133 \cdot 16$ $133 \cdot 16$	$\begin{array}{c} 132 \cdot 16 \\ 132 \cdot 33 \\ 132 \cdot 33 \\ 132 \cdot 33 \\ 132 \cdot 16 \end{array}$	$130 \cdot 99$ $130 \cdot 83$ $130 \cdot 74$ $130 \cdot 74$ $130 \cdot 66$	$\begin{array}{c} 129 \cdot 24 \\ 129 \cdot 16 \\ 129 \cdot 08 \\ 129 \cdot 08 \\ 129 \cdot 16 \end{array}$	135 · 4 135 · 6 135 · 8 136 · 1 136 · 4
26	135 · 08 135 · 16 135 · 33 135 · 33 135 · 66	$\begin{array}{c} 135 \cdot 08 \\ 135 \cdot 16 \\ 135 \cdot 08 \\ 135 \cdot 08 \\ 135 \cdot 16 \\ 135 \cdot 24 \end{array}$	133 · 66 133 · 66 133 · 66 133 · 66	131 · 74 131 · 83 131 · 83 131 · 49 131 · 41 131 · 33	130 · 33 129 · 99 129 · 83 129 · 74 129 · 66 129 · 66	129 · 16 129 · 16 129 · 16 129 · 16 129 · 08	$\begin{array}{c} 129\cdot 66 \\ 129\cdot 74 \\ 129\cdot 83 \\ 129\cdot 99 \\ 129\cdot 99 \\ 129\cdot 99 \end{array}$	132 · 99 132 · 83 132 · 74 132 · 66 132 · 66	$\begin{array}{c} 132\cdot 16 \\ 132\cdot 08 \\ 132\cdot 08 \\ 131\cdot 91 \\ 131\cdot 83 \\ 131\cdot 83 \end{array}$	130 · 58 130 · 58 130 · 58 130 · 58 130 · 58 130 · 49	129·16 129·33 129·66	136 - 4: 135 - 8: 135 - 8: 135 - 7: 136 - 0: 135 - 2:

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1903-04.

TABLE No. 349

											ADLE .	.10. 349
Day.	April.	May.	June.	July.	Aug.	Sept.	Oet.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	135 · 08 134 · 91 135 · 08 134 · 83 134 · 99	133 · 83 133 · 99 134 · 16 134 · 41 134 · 41	133 · 99 133 · 99 133 · 83 133 · 66 133 · 49	134 · 16 134 · 66 134 · 99 134 · 66 134 · 41	130 · 99 130 · 91 130 · 83 130 · 74 130 · 66	129-66 129-66 129-66 129-58 129-58	129·99 129·83 129·83 129·83 129·83	130 · 66 130 · 66 130 · 58 130 · 58 130 · 58	129 · 16 129 · 16 129 · 08 129 · 08 128 · 99	128 · 16 128 · 08 128 · 08 128 · 16 128 · 16	127 · 24 127 · 24 127 · 16 127 · 16 127 · 16	127 · 24 127 · 24 127 · 24 127 · 33 127 · 33
6	135 · 08 135 · 16 135 · 33 135 · 33 135 · 16	134 · 66 134 · 99 135 · 33 135 · 16 135 · 33	$133 \cdot 49$ $133 \cdot 24$ $133 \cdot 16$ $133 \cdot 16$ $132 \cdot 99$	134 · 16 134 · 24 134 · 16 133 · 91 133 · 66	$\begin{array}{c} 130\cdot 66 \\ 130\cdot 66 \\ 130\cdot 41 \\ 130\cdot 41 \\ 130\cdot 41 \end{array}$	$\begin{array}{c} 129 \cdot 49 \\ 129 \cdot 49 \\ 129 \cdot 33 \\ 129 \cdot 16 \\ 129 \cdot 08 \end{array}$	129 · 74 129 · 74 129 · 74 129 · 91 130 · 41	130 · 24 130 · 08 129 · 99 129 · 91 129 · 91	128 · 66 128 · 58 128 · 41 128 · 24 128 · 24	128 · 16 127 · 99 127 · 99 127 · 83 127 · 83	$\begin{array}{c} 127 \cdot 16 \\ 127 \cdot 08 \\ 127 \cdot 08 \\ 127 \cdot 08 \\ 127 \cdot 08 \\ 126 \cdot 99 \end{array}$	127 · 49 127 · 66 127 · 66 127 · 66 127 · 66
11	135 · 16 135 · 16 134 · 83 134 · 66 134 · 66	135 · 33 135 · 41 135 · 58 135 · 58 135 · 66	132 · 83 132 · 66 132 · 91 132 · 99 133 · 16	133 · 16 132 · 99 132 · 66 132 · 49 132 · 33	130·41 130·49 130·49 130·49 130·58	$\begin{array}{c} 129 \cdot 08 \\ 128 \cdot 99 \\ 128 \cdot 99 \\ 128 \cdot 99 \\ 128 \cdot 99 \end{array}$	131 · 33 131 · 33 131 · 16 131 · 16 131 · 16	129 · 91 129 · 91 129 · 83 129 · 83 129 · 66	128 · 16 127 · 99 127 · 83 127 · 74 127 · 74	127 · 83 127 · 74 127 · 74 127 · 74 127 · 74	126 · 99 126 · 99 126 · 99 126 · 91 126 · 91	127 · 66 127 · 66 127 · 66 127 · 66 127 · 66
16	134 · 58 134 · 66 134 · 66 134 · 66	135 · 66 135 · 66 135 · 58 135 · 58 135 · 49	133 · 33 133 · 16 133 · 49 133 · 58 133 · 58	132 · 16 131 · 99 131 · 83 131 · 66 131 · 49	130 · 58 130 · 66 130 · 66 130 · 66 130 · 66	$\begin{array}{c} 129\cdot08 \\ 129\cdot24 \\ 129\cdot41 \\ 129\cdot49 \\ 129\cdot58 \end{array}$	130 · 99 131 · 16 131 · 33 131 · 49 131 · 49	$\begin{array}{c} 129\cdot 66 \\ 129\cdot 58 \\ 129\cdot 58 \\ 129\cdot 58 \\ 129\cdot 49 \end{array}$	$\begin{array}{c} 127 \cdot 66 \\ 127 \cdot 66 \\ 127 \cdot 66 \\ 127 \cdot 58 \\ 127 \cdot 58 \end{array}$	127-66 127-66 127-66 127-66 127-58	126 · 91 126 · 99 126 · 99 127 · 08 127 · 08	127 · 66 127 · 66 127 · 49 127 · 33 127 · 41
21	134 · 66 134 · 66 134 · 66 134 · 66	135 · 41 135 · 16 135 · 16 134 · 99 134 · 83	133 · 58 133 · 58 133 · 41 133 · 91 133 · 99	131-41 131-41 131-41 131-41 131-41	$130 \cdot 58$ $130 \cdot 58$ $130 \cdot 49$ $130 \cdot 16$ $129 \cdot 99$	129 · 58 129 · 66 129 · 83 129 · 99 130 · 16	131 · 66 131 · 66 131 · 33 131 · 33 131 · 16	$\begin{array}{c} 129\cdot 49 \\ 129\cdot 49 \\ 129\cdot 41 \\ 129\cdot 33 \\ 129\cdot 33 \end{array}$	127 · 58 127 · 49 127 · 49 127 · 41 127 · 41	127-41 127-41 127-41 127-41 127-33	127 · 16 127 · 16 127 · 16 127 · 24 127 · 24	127 · 49 127 · 49 127 · 49 127 · 49 127 · 58
26	134 - 33 134 - 33 134 - 33 133 - 99 133 - 83	134 · 66 134 · 66 134 · 66 134 · 33 134 · 16 134 · 08		131 · 33 131 · 41 131 · 41 131 · 33 131 · 16 131 · 16	129 · 83 129 · 74 129 · 66 129 · 66 129 · 66	130 · 08 129 · 99 129 · 99 130 · 16 130 · 16	131 · 16 131 · 16 130 · 99 130 · 99 130 · 83 130 · 83	129 · 33 129 · 33 129 · 33 129 · 24 129 · 16	127-41 127-66 127-83 127-83 128-16 128-16	127 · 33 127 · 33 127 · 33 127 · 24 127 · 24 127 · 24	127 · 24 127 · 24 127 · 24 127 · 24	128 · 08 128 · 33 128 · 33 130 · 16 131 · 16 131 · 66

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1904-05.

TABLE No. 350. 134-83 130 · 16 130 · 33 130 · 66 127-83 127-83 127-83 127-74 132 - 16 137-41 138 - 66 $131 \cdot 24$ 129-49 132 - 33 129.91 128-91 134 · 83 134 · 66 132 · 24 132 · 24 129-91 129-91 128 · 83 128 · 83 132 · 66 133 · 16 138-66 131-24 129-49 127-41 127-49 127-49 138-49 139-41 129-58 130 - 99 133 - 66 138-83 139 - 66 134-41 130 - 83 129.66 130.99 132-24 129.83 128.74 134 - 16 139-41 139-58 134 - 16 130 - 66 129-66 $131 \cdot 08$ 132 - 16 128-74 134-91 139-66 133-91 139 - 66 130-83 132-08 129.83 128-66 139-49 127.74 127-41 139.91 139 · 49 139 · 58 139 · 66 133 - 83 130 - 66 129.66 130-83 129.83 128-66 127-66 127-66 127-66 127 · 33 127 · 33 127 · 33 131 - 99 130 · 99 131 · 08 135.66 136.33 140 - 16 133-66 130 - 33 129.66 129.66 131 · 91 131 · 66 129.83 128-49 140 - 41 128-49 130 - 24 120.83 10 140 - 66 130 - 16 131 - 16 131 - 66 129.74 129-49 127 - 41 127 · 74 127 · 74 127 · 66 127 · 66 127-41 127-33 127-33 127-24 137 - 66 140 - 66 139-91 133.33 130.08 129-49 131.33 131-66 129.74 128.49 140 - 58 133 - 41 129-91 131-33 129 · 74 129 · 74 129 · 74 131 - 66 128-49 140-33 139 - 91 133 - 49 129-49 131 · 66 131 · 33 128-41 139 - 66 136-91 140.08 133 - 49 128-41 136-41 139 - 41 133 - 49 127-66 $131 \cdot 24$ 129.66 127 - 16 127-66 127-58 127-58 127-66 136.08 130.66 138.00 133 - 49 131 - 83 135·41 135·16 139 - 49 138 - 66 129 - 83 129 · 24 129 · 16 132 · 16 132 · 16 130 · 99 130 · 99 129.66 127-08 138 · 16 137 · 66 127 · 08 127 · 16 $129 \cdot 66$ $129 \cdot 66$ 133 - 16 130 - 66 134.69 129.08 132 - 16 130 - 66 129 - 49 130 - 66 128-16 127 - 24 134-24 136 - 91 132 · 66 132 · 49 132 · 33 132 · 49 132 · 66 132 · 66 127 · 58 127 · 58 127 · 58 134-08 130 · 49 130 · 49 136 - 66 129 - 99 128 - 08 134-08 139-16 128-08 134 - 16 132-66 130 - 33 127.99 $127 \cdot 58$ 127.40 134 - 41 138-91 135-91 $131 \cdot 99$ 129 - 83 132 - 49 130 - 24 120.08 127 - 99 127-58 127 - 58 138-91 135 · 66 135 · 41 135 · 08 129.74 132 - 49 129 - 08 127 · 99 127 · 91 127 · 91 127 · 91 127 · 91 127 · 49 127 · 49 135 · 16 138 · 91 138 · 74 131 - 66 129.74 131-33 129.74 132 · 49 132 · 49 129-91 128-99 138 - 66 129-58 136 - 41 134 - 91 131-16

' 6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1905–06.

TABLE No. 351.

-	_			1	1			-	1	1	1	
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	132 · 66 133 · 66 133 · 66 133 · 66 133 · 99	132 · 16 132 · 66 132 · 66 132 · 91 133 · 41	134 · 83 134 · 83 134 · 58 134 · 49 134 · 24	131 · 66 131 · 41 131 · 24 130 · 99 130 · 91	130·58 130·58 130·49 130·41 130·24	128-41 128-41 128-41 128-49 128-49	128 · 33 128 · 33 128 · 24 128 · 33 128 · 33	129 · 83 129 · 74 129 · 66 129 · 58 129 · 49	129 · 16 129 · 08 129 · 08 129 · 49 129 · 66	128 · 66 128 · 66 128 · 66 128 · 74 128 · 66	130 · 91 130 · 91 130 · 74 130 · 66 130 · 49	129 · 74 129 · 58 129 · 41 129 · 24 129 · 16
6	134 · 08 134 · 16 133 · 91 133 · 91 133 · 33	133 · 66 134 · 16 134 · 33 134 · 41 134 · 66	134 · 08 133 · 91 133 · 83 133 · 66 133 · 66	130 · 91 130 · 66 130 · 66 130 · 66 130 · 58	$130 \cdot 16$ $130 \cdot 08$ $129 \cdot 99$ $129 \cdot 91$ $129 \cdot 83$	128-49 128-66 128-66 128-66 128-66	128 · 24 128 · 16 127 · 99 128 · 08 127 · 99	129-41 129-49 129-49 129-49 129-41	129·49 129·49 129·49 129·33 129·08	128 · 66 128 · 66 128 · 58 128 · 58 128 · 58	130 · 41 130 · 33 129 · 99 129 · 66 129 · 66	129 · 16 129 · 08 128 · 99 128 · 91 128 · 83
11	133 · 33 133 · 33 133 · 33 133 · 41 133 · 33	135 · 16 135 · 24 135 · 66 135 · 66 135 · 66	133 · 66 133 · 66 133 · 49 133 · 49	130·58 130·58 130·66 130·66 130·66	$\begin{array}{c} 129\cdot 66 \\ 129\cdot 66 \\ 129\cdot 58 \\ 129\cdot 49 \\ 129\cdot 49 \end{array}$	128 · 58 128 · 41 128 · 58 128 · 41 128 · 41	127 · 99 128 · 24 128 · 41 128 · 33 128 · 33	129 · 41 129 · 41 129 · 41 129 · 41 129 · 33	128-99 128-99 128-99 128-83 128-74	128 · 49 128 · 49 128 · 41 128 · 33 128 · 33	129 · 49 129 · 58 129 · 49 129 · 58 129 · 49	128-83 128-74 128-66 128-66 128-66
16. 17. 18. 19. 20.	133 · 16 132 · 99 132 · 83 132 · 66 132 · 49	135-66 135-83 135-99 135-99 135-83	133 · 41 133 · 16 133 · 16 133 · 08 132 · 99	130 · 66 130 · 66 130 · 91 130 · 91 130 · 91	129 · 49 129 · 41 129 · 33 129 · 33 129 · 24	128 · 16 127 · 99 128 · 16 128 · 49 128 · 83	128-33 128-33 128-33 128-91 128-91	129·24 129·33 129·33 129·24 129·16	128-66 128-66 128-66 128-66 128-66	128-49 128-49 128-49 128-41 128-24	129 · 41 129 · 24 129 · 16 129 · 08 129 · 08	128 · 58 128 · 41 128 · 24 128 · 33 128 · 33
21	132 · 49 132 · 33 132 · 33 132 · 33 132 · 16	136-08 136-08 136-16 136-16 135-83	133 · 08 132 · 99 132 · 91 132 · 66 132 · 66	130 · 66 130 · 58 130 · 49 130 · 49 130 · 49	129 · 16 129 · 08 128 · 99 128 · 74 128 · 66	128-91 128-91 128-99 128-91 128-91	129·16 129·33 129·33 129·58 129·74	129 · 16 129 · 16 129 · 08 129 · 08 129 · 16	128 · 66 128 · 66 128 · 66 128 · 58 128 · 49	128 · 24 128 · 58 130 · 41 131 · 24 131 · 41	129 · 08 129 · 33 129 · 66 129 · 74 129 · 83	128 · 24 128 · 24 128 · 24 128 · 16 128 · 16
26	131 · 99 131 · 66 131 · 66 131 · 66 131 · 91		132 · 66 132 · 41 132 · 16 132 · 08 131 · 91	130 · 41 130 · 41 130 · 24 130 · 24 130 · 24 130 · 24	128-58 128-58 128-49 128-49 128-41 128-41	128 · 83 128 · 83 128 · 74 128 · 58 128 · 41	129 · 74 129 · 74 129 · 83 129 · 91 129 · 83 129 · 74	129 · 33 129 · 33 129 · 33 129 · 41 129 · 16	128-49 128-49 128-49 128-41 128-41	131 · 58 131 · 58 131 · 58 131 · 58 131 · 33 131 · 16	129·74 129·66 129·66	127-99 128-91 130-33 130-83 131-08 130-83

ELEVATIONS above M.S.L. of Ottawa River at Upper Grenville, for 1906–07.

										TA	BLE No	. 352.
1	130 · 66 130 · 66 130 · 41 130 · 49 130 · 58	133 · 99 134 · 08 134 · 16 134 · 16 134 · 16	134 · 99 134 · 91 134 · 91 134 · 66 134 · 74	133 · 66 133 · 49 133 · 41 133 · 24 133 · 08	129 · 49 129 · 49 129 · 49 129 · 41 129 · 33	127 · 66 127 · 49 127 · 33 127 · 24 127 · 24	126-91 126-91 126-83 126-83 126-83	$\begin{array}{c} 127\cdot 83 \\ 127\cdot 83 \\ 127\cdot 83 \\ 127\cdot 74 \\ 127\cdot 66 \end{array}$	127 · 91 127 · 91 127 · 83 127 · 74 127 · 66	127-66 127-66 127-66 127-83 127-91	127-66 127-66 127-66 127-49 127-49	127 · 08 127 · 08 126 · 99 126 · 99 126 · 91
6	130 · 74 130 · 83 130 · 83 130 · 58 130 · 74	$134 \cdot 33$ $134 \cdot 66$ $134 \cdot 66$ $134 \cdot 91$ $135 \cdot 49$	$\begin{array}{c} 134 \cdot 83 \\ 134 \cdot 83 \\ 135 \cdot 83 \\ 136 \cdot 16 \\ 135 \cdot 66 \end{array}$	$\begin{array}{c} 132 \cdot 91 \\ 132 \cdot 74 \\ 132 \cdot 49 \\ 132 \cdot 41 \\ 132 \cdot 33 \end{array}$	129·33 129·33 129·33 129·24 129·16	$\begin{array}{c} 127 \cdot 24 \\ 127 \cdot 24 \\ 127 \cdot 24 \\ 127 \cdot 16 \\ 127 \cdot 16 \end{array}$	$\begin{array}{c} 126\cdot 83 \\ 126\cdot 83 \\ 126\cdot 91 \\ 127\cdot 08 \\ 127\cdot 16 \end{array}$	127 · 58 127 · 58 127 · 58 127 · 66 127 · 66	127 · 58 127 · 58 127 · 58 127 · 58 127 · 49	127 · 91 127 · 91 127 · 99 127 · 99 127 · 99	127 · 49 127 · 41 127 · 41 127 · 41 127 · 33	$\begin{array}{c} 126 \cdot 91 \\ 126 \cdot 91 \\ 126 \cdot 83 \\ 126 \cdot 83 \\ 126 \cdot 91 \end{array}$
11	130-91 130-91 130-91 130-83 130-91	$\begin{array}{c} 135 \cdot 49 \\ 135 \cdot 83 \\ 135 \cdot 91 \\ 135 \cdot 91 \\ 135 \cdot 91 \end{array}$	$\begin{array}{c} 135 \cdot 16 \\ 135 \cdot 16 \\ 135 \cdot 16 \\ 135 \cdot 16 \\ 134 \cdot 99 \end{array}$	$\begin{array}{c} 132 \cdot 08 \\ 131 \cdot 83 \\ 131 \cdot 49 \\ 131 \cdot 41 \\ 131 \cdot 24 \end{array}$	129 · 08 128 · 99 128 · 74 128 · 66 128 · 58	127 · 16 127 · 16 127 · 16 127 · 08 127 · 08	127 · 16 127 · 08 127 · 16 127 · 08 127 · 08	127 · 49 127 · 49 127 · 58 127 · 49 127 · 49	127 · 49 127 · 49 127 · 41 127 · 41 127 · 41	127-99 128-08 128-08 128-08 127-99	127·33 127·33 127·24 127·24 127·24	126.91 126.83 126.91 126.91 126.91
16	$131 \cdot 16$ $131 \cdot 49$ $131 \cdot 49$ $131 \cdot 83$ $131 \cdot 99$	135·91 135·99 135·99 136·33 136·33	135·16 134·99 134·99 134·83 134·83	131 · 16 130 · 91 130 · 83 130 · 66 130 · 49	128 · 58 128 · 49 128 · 41 128 · 33 128 · 33	126.99 126.91 126.91 126.91 126.91	127 · 33 127 · 33 127 · 33 127 · 33 127 · 58	127 · 49 127 · 49 127 · 49 127 · 49 127 · 58	127 · 49 127 · 49 127 · 49 127 · 49 127 · 49	127 · 99 127 · 99 127 · 91 127 · 91 127 · 83	127 · 16 127 · 16 127 · 08 127 · 08 126 · 99	$\begin{array}{c} 126 \cdot 99 \\ 126 \cdot 99 \\ 126 \cdot 99 \\ 127 \cdot 08 \\ 126 \cdot 99 \end{array}$
21	$\begin{array}{c} 132 \cdot 41 \\ 132 \cdot 83 \\ 133 \cdot 16 \\ 133 \cdot 33 \\ 133 \cdot 74 \end{array}$	136·16 136·08 135·99 135·91 135·91	134 · 74 134 · 66 134 · 66 134 · 49 134 · 49	130 · 41 130 · 33 130 · 16 130 · 08 130 · 08	$\begin{array}{c} 128 \cdot 33 \\ 128 \cdot 24 \\ 128 \cdot 24 \\ 128 \cdot 24 \\ 128 \cdot 08 \end{array}$	126·91 126·74 126·74 126·74 126·74	$\begin{array}{c} 127 \cdot 58 \\ 127 \cdot 49 \\ 127 \cdot 49 \\ 127 \cdot 49 \\ 127 \cdot 58 \end{array}$	$\begin{array}{c} 127 \cdot 58 \\ 127 \cdot 58 \\ 127 \cdot 91 \\ 127 \cdot 83 \\ 127 \cdot 83 \end{array}$	127·49 127·41 127·41 127·41 127·33	127 · 83 127 · 83 127 · 91 127 · 91 127 · 91	126·99 126·91 126·83 126·83 126·83	$\begin{array}{c} 127 \cdot 08 \\ 127 \cdot 08 \\ 127 \cdot 33 \\ 127 \cdot 99 \\ 128 \cdot 49 \end{array}$
26. 27. 28. 29. 30. 31.	133 · 91 133 · 91 133 · 99 133 · 99 133 · 99	$135 \cdot 83$ $135 \cdot 74$ $135 \cdot 66$ $135 \cdot 49$ $135 \cdot 16$ $134 \cdot 99$	134 · 33 134 · 24 134 · 08 133 · 83 133 · 83	$\begin{array}{c} 129 \cdot 99 \\ 129 \cdot 83 \\ 129 \cdot 66 \\ 129 \cdot 49 \\ 129 \cdot 49 \\ 129 \cdot 49 \end{array}$	128 · 08 128 · 08 127 · 99 127 · 99 127 · 99 127 · 91	126·74 126·74 126·74 126·66 126·83	127-66 127-66 127-66 127-74 127-74 127-83	127-91 127-91 127-91 127-91 127-91	127·33 127·33 127·41 127·49 127·58 127·58	127·99 127·99 127·99 127·91 127·91 127·91	126·91 126·99 127·08	128-91 129-49 129-99 130-99 132-16 133-16

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1907-08.

TABLE No. 353.

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Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	133 · 83 133 · 99 133 · 66 133 · 66 133 · 58	134 · 16 134 · 66 134 · 83 134 · 99 135 · 16	136 · 16 136 · 16 136 · 16 136 · 16 136 · 16	134 · 24 134 · 24 134 · 16 134 · 08 133 · 91	131 · 41 131 · 33 131 · 33 131 · 24 131 · 16	128 · 91 128 · 83 128 · 83 128 · 83 128 · 74	130 · 16 130 · 16 130 · 24 130 · 33 130 · 33	130·16 130·08 130·41 130·58 130·66	130 · 83 130 · 74 130 · 58 130 · 58 130 · 49	130 · 33 130 · 33 130 · 33 130 · 24 130 · 24	129 · 16 129 · 16 129 · 16 129 · 08 128 · 99	128 · 49 128 · 49 128 · 49 128 · 41 128 · 41
6	133 · 16 132 · 66 132 · 16 131 · 99 131 · 83	135 · 16 135 · 16 135 · 16 134 · 83 134 · 66	$136 \cdot 16$ $136 \cdot 16$ $136 \cdot 08$ $135 \cdot 99$ $135 \cdot 91$	133 · 66 133 · 66 133 · 58 133 · 58 133 · 49	131.08 131.08 130.99 130.58 130.49	$\begin{array}{c} 128 \cdot 74 \\ 128 \cdot 66 \\ 128 \cdot 58 \\ 128 \cdot 58 \\ 128 \cdot 66 \end{array}$	130 · 33 130 · 41 130 · 33 130 · 33 130 · 16	131 · 58 132 · 66 132 · 99 132 · 99 132 · 99	130 · 49 130 · 41 130 · 24 130 · 41 130 · 58	130 · 24 130 · 16 130 · 16 130 · 16 130 · 16	128-91 128-83 128-74 128-66 128-66	128 · 41 128 · 33 128 · 33 128 · 33 128 · 24
11 12 13 14 15	131 · 91 132 · 08 132 · 16 132 · 24 132 · 24	134 · 66 134 · 49 134 · 49 134 · 49 134 · 41	135 · 91 135 · 99 135 · 91 135 · 99 135 · 99	133 · 49 133 · 08 132 · 83 132 · 83 132 · 41	130 · 49 130 · 41 130 · 41 130 · 33 130 · 08	$\begin{array}{c} 128 \cdot 91 \\ 128 \cdot 91 \\ 128 \cdot 91 \\ 128 \cdot 91 \\ 128 \cdot 99 \end{array}$	130 · 16 130 · 41 130 · 49 130 · 49 130 · 66	133.08 133.08 132.83 132.58 132.16	130 · 99 130 · 99 130 · 99 130 · 91 130 · 83	129 · 99 129 · 93 129 · 91 129 · 83 129 · 74	$\begin{array}{c} 128 \cdot 58 \\ 128 \cdot 58 \\ 128 \cdot 58 \\ 128 \cdot 58 \\ 128 \cdot 58 \end{array}$	128 · 24 128 · 24 128 · 24 128 · 33 128 · 33
16	$\begin{array}{c} 132 \cdot 16 \\ 132 \cdot 24 \\ 132 \cdot 33 \\ 132 \cdot 24 \\ 132 \cdot 24 \end{array}$	$\begin{array}{c} 134 \cdot 41 \\ 135 \cdot 16 \\ 135 \cdot 66 \\ 136 \cdot 16 \\ 136 \cdot 49 \end{array}$	135 · 83 135 · 63 135 · 49 135 · 33 135 · 16	132·33 132·33 132·16 131·99 131·99	129 · 91 129 · 99 129 · 83 129 · 74 129 · 74	128-99 129-16 129-33 129-41 129-33	130 · 66 130 · 83 130 · 91 130 · 91 130 · 83	132 · 16 132 · 16 131 · 99 131 · 83 131 · 66	130 · 74 130 · 83 130 · 83 130 · 83 130 · 74	129 · 74 129 · 66 129 · 66 129 · 58 129 · 58	128-49 128-66 128-83 128-83 128-74	128-41 128-41 128-41 123-41 128-33
21 22 23 24 25	132 • 16 131 • 83 131 • 66 131 • 66 131 • 66	136 · 66 137 · 16 137 · 16 137 · 16 137 · 24	134 · 83 134 · 83 134 · 63 134 · 33 134 · 16	131 · 99 131 · 99 131 · 83 131 · 66 131 · 49	$\begin{array}{c} 129 \cdot 74 \\ 129 \cdot 58 \\ 129 \cdot 58 \\ 129 \cdot 33 \\ 129 \cdot 16 \end{array}$	129 · 66 129 · 74 129 · 74 129 · 83 129 · 99	130 · 66 130 · 66 130 · 66 130 · 66 130 · 58	131 · 49 131 · 49 131 · 49 131 · 24 131 · 08	130 · 74 130 · 74 130 · 74 130 · 66 130 · 66	129 · 58 129 · 49 129 · 49 129 · 49 129 · 41	$\begin{array}{c} 128 \cdot 74 \\ 128 \cdot 74 \\ 128 \cdot 66 \\ 128 \cdot 66 \\ 128 \cdot 66 \end{array}$	128-33 128-33 128-33 128-41 128-41
26 27 28 29 30 31	131 · 66 131 · 83 131 · 91 131 · 91 132 · 16	$\begin{array}{c} 137 \cdot 49 \\ 137 \cdot 33 \\ 137 \cdot 08 \\ 136 \cdot 66 \\ 136 \cdot 41 \\ 136 \cdot 41 \end{array}$	133 · 83 133 · 91 133 · 99 134 · 24 134 · 24	$\begin{array}{c} 131 \cdot 49 \\ 131 \cdot 49 \\ 131 \cdot 33 \\ 131 \cdot 24 \\ 131 \cdot 33 \\ 131 \cdot 41 \end{array}$	$\begin{array}{c} 129\cdot08\\ 128\cdot99\\ 128\cdot99\\ 128\cdot99\\ 128\cdot91\\ 128\cdot91\\ 128\cdot91\\ \end{array}$	129 · 91 129 · 91 129 · 91 130 · 16 130 · 33	$\begin{array}{c} 130 \cdot 58 \\ 130 \cdot 58 \\ 130 \cdot 24 \\ 130 \cdot 24 \\ 130 \cdot 24 \\ 130 \cdot 16 \end{array}$	131.08 130.99 130.99 130.91 130.91	130 · 66 130 · 49 130 · 49 130 · 41 130 · 41 130 · 41	129 · 41 129 · 41 129 · 33 129 · 33 129 · 33 129 · 24	128 · 66 128 · 58 128 · 58 128 · 58	$\begin{array}{c} 128 \cdot 91 \\ 129 \cdot 16 \\ 129 \cdot 66 \\ 130 \cdot 16 \\ 130 \cdot 66 \\ 131 \cdot 08 \end{array}$

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1908-09.

TABLE No. 354. 131 - 24 136-91 139.58 133.66 130.08 127.91 126.91 127-91 139·58 139·41 131 · 24 131 · 24 133 · 41 133 · 16 127 · 91 127 · 83 127 · 66 126 · 99 126 · 91 126 · 83 126 · 83 138-49 129·99 129·91 127.91 127.91 127 · 83 127 · 83 127 · 83 127 · 83 128 · 16 128 · 16 128 · 16 139 - 33 139.58 127.66 132 - 74 5..... 131-66 139 - 66 139 - 16 129 - 74 126.66 $129 \cdot 74$ 127-66 126 - 66 126.91 127.83 127.91 127-83 128-08 127 · 58 127 · 49 127 · 58 127 · 49 127 · 49 131 · 91 131 · 83 139 · 08 139 · 33 139.08 132 · 66 132 · 66 132 · 58 129 · 66 129 · 66 129 · 58 126 - 49 126.91 128-08 138 - 91 126.58 126.83 126.83 127 · 83 127 · 74 128-08 132 - 16 140 - 16 138 - 66 126 - 49 128-08 126 - 66 128 - 16 133 - 58 140 - 66 137 - 83 132 - 49 129 - 41 127-49 $\begin{array}{c} 127 \cdot 49 \\ 127 \cdot 41 \\ 127 \cdot 16 \\ 127 \cdot 16 \\ 127 \cdot 16 \\ 127 \cdot 16 \end{array}$ $\begin{array}{c} 127 \cdot 74 \\ 127 \cdot 66 \end{array}$ 127-91 127-91 127-83 127-83 127-83 126.49 128 - 16 126 · 66 126 · 83 126 · 83 126 · 74 126 · 74 134 - 16 140 - 66 129 · 41 129 · 33 129 · 24 127 · 49 127 · 41 127 · 33 126.41 128 · 16 128 · 16 13 134 · 66 134 · 91 141.16 132 - 24 132 · 16 132 · 08 14 15..... $141 \cdot 16 \\ 141 \cdot 33$ 136-91 126-33 128 - 16 134-91 136-66 126 - 41 128 - 16 $\begin{array}{c} 127 \cdot 41 \\ 127 \cdot 33 \\ 127 \cdot 41 \\ 127 \cdot 24 \\ 127 \cdot 16 \end{array}$ 126 · 66 126 · 74 126 · 74 126 · 74 127-66 127-66 127-66 127-58 127-58 127 · 83 127 · 83 127 · 83 127 · 91 $134 \cdot 83$ $134 \cdot 58$ $134 \cdot 58$ 141-41 131-91 129·16 129·08 $^{127\cdot 08}_{127\cdot 08}_{127\cdot 08}$ 16 $126 \cdot 49$ 131 - 66 141·49 141·41 136-16 126-49 128 · 24 128 · 24 135 · 99 135 · 83 135 · 83 126-41 19 134-24 141.33 128-91 126 - 41 134-16 141-16 126 - 41 127 - 91 20 131-66 126 - 66 126 - 99 128 - 33 135 · 58 135 · 24 135 · 24 135 · 16 131·33 131·33 131·16 130·99 $\begin{array}{c} 127 \cdot 16 \\ 127 \cdot 16 \\ 127 \cdot 08 \\ 127 \cdot 08 \\ 127 \cdot 08 \\ 127 \cdot 08 \end{array}$ 126 · 99 127 · 08 127 · 08 127 · 16 127 · 24 127-91 127-91 127-99 128-16 126.33 133-99 140.99 22 133 - 66 140 · 83 140 · 74 140 · 66 128 · 49 128 · 49 126 · 33 126 · 33 126 · 24 127 · 49 127 · 49 127 · 49 133-41 126.83 128 · 16 128 · 16 133 - 49 133 - 49 140.49 134.83 130 - 91 128-41 126 - 24 126.99 128-16 128 - 24 127·08 127·16 127·24 127·24 26 27 133 - 83 126-41 127-33 127-66 128-08 128 - 24 134·16 135·16 135·91 134 · 41 134 · 16 133 · 91 127 · 41 127 · 58 127 · 66 127 · 83 127 · 66 127 · 66 127 · 74 140.33 130 - 66 128-08 128 - 24 140.08 139.91 130 · 66 130 · 58 128 · 33 128 · 24 126 · 66 126 · 74 126.83 128.08 136-49 139 - 66 126.83 127 - 24 139 - 66 130 - 33 127 - 99

6 GEORGE V. A 1916

ELEVATIONS above M.S.L. of Ottawa River at Upper Grenville, for 1909-10.

TABLE No. 355.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oet.	Nov.	Dec.	Jan.	Feb.	March.
1	129·66 129·91 130·16 130·41 .130·91	136·41 137·66 138·16 137·91 137·66	141 · 49 141 · 08 140 · 66 139 · 83	134 · 33 133 · 66 133 · 66 133 · 49 133 · 16	133 · 66 133 · 49 133 · 49 133 · 16 132 · 99	130 · 24 130 · 24 130 · 16 129 · 99 130 · 16	130 · 24 130 · 24 130 · 24 130 · 24 130 · 41	129·74 129·74 129·74 129·74 129·74	130·49 130·49 130·49 130·49 130·41	129 · 99 129 · 99 129 · 91 129 · 91 129 · 83	129 · 66 129 · 58 129 · 58 129 · 58 129 · 49	128-08 128-24 128-24 128-33 128-33
6	131 · 08 133 · 16 134 · 83 135 · 66 135 · 66	$\begin{array}{c} 137 \cdot 33 \\ 137 \cdot 08 \\ 137 \cdot 16 \\ 137 \cdot 16 \\ 137 \cdot 16 \end{array}$	$\begin{array}{c} 139 \cdot 33 \\ 138 \cdot 99 \\ 138 \cdot 66 \\ 138 \cdot 24 \\ 137 \cdot 99 \end{array}$	$\begin{array}{c} 133 \cdot 16 \\ 132 \cdot 99 \\ 132 \cdot 83 \\ 132 \cdot 66 \\ 132 \cdot 58 \end{array}$	$\begin{array}{c} 132\cdot 83 \\ 132\cdot 66 \\ 132\cdot 33 \\ 132\cdot 16 \\ 132\cdot 16 \end{array}$	$\begin{array}{c} 130 \cdot 24 \\ 130 \cdot 16 \\ 130 \cdot 24 \\ 130 \cdot 08 \\ 130 \cdot 08 \end{array}$	130 · 41 130 · 41 130 · 41 130 · 41 130 · 33	$\begin{array}{c} 129\cdot 74 \\ 129\cdot 66 \\ 129\cdot 66 \\ 129\cdot 66 \\ 129\cdot 66 \end{array}$	$\begin{array}{c} 130 \cdot 33 \\ 130 \cdot 33 \\ 130 \cdot 49 \\ 130 \cdot 33 \\ 130 \cdot 24 \end{array}$	129 · 83 129 · 83 129 · 74 129 · 74 129 · 66	129 · 49 129 · 41 129 · 41 129 · 33 129 · 33	128 · 83 129 · 91 130 · 66 130 · 83 130 · 83
11	134 · 16 134 · 49 134 · 33 135 · 49 136 · 16	138 · 33 139 · 33 139 · 49 139 · 83 140 · 08	$\begin{array}{c} 137 \cdot 58 \\ 137 \cdot 24 \\ 136 \cdot 91 \\ 136 \cdot 66 \\ 136 \cdot 16 \end{array}$	$\begin{array}{c} 132 \cdot 49 \\ 132 \cdot 33 \\ 132 \cdot 16 \\ 131 \cdot 99 \\ 131 \cdot 83 \end{array}$	131 · 83 131 · 83 131 · 49 131 · 16 131 · 16	$\begin{array}{c} 130\cdot 16 \\ 130\cdot 16 \\ 130\cdot 98 \\ 130\cdot 24 \\ 130\cdot 33 \end{array}$	130 - 24 130 - 24 130 - 16 130 - 08 129 - 99	129 · 66 129 · 66 129 · 66 129 · 66 129 · 66	130 · 16 130 · 16 130 · 16 130 · 16 130 · 24	$\begin{array}{c} 129\cdot 66 \\ 129\cdot 66 \\ 129\cdot 58 \\ 129\cdot 58 \\ 129\cdot 49 \end{array}$	129 · 16 128 · 99 128 · 83 128 · 66 128 · 49	130 · 74 130 · 49 130 · 33 130 · 16 129 · 99
16	$\begin{array}{c} 136 \cdot 16 \\ 136 \cdot 16 \\ 136 \cdot 08 \\ 136 \cdot 24 \\ 136 \cdot 66 \end{array}$	140 · 16 140 · 83 140 · 99 140 · 66 141 · 49	135 · 99 135 · 83 135 · 74 135 · 66 135 · 41	$131 \cdot 66$ $131 \cdot 58$ $131 \cdot 41$ $131 \cdot 66$ $131 \cdot 58$	131 · 16 131 · 16 131 · 16 131 · 08 131 · 08	130 · 33 130 · 41 130 · 41 130 · 41 130 · 41	$\begin{array}{c} 129 \cdot 91 \\ 129 \cdot 83 \\ 129 \cdot 66 \\ 129 \cdot 66 \\ 129 \cdot 66 \end{array}$	129·74 129·83 129·74 129·74 129·74	$130 \cdot 33$ $130 \cdot 33$ $130 \cdot 33$ $130 \cdot 24$ $130 \cdot 24$	$\begin{array}{c} 129 \cdot 49 \\ 129 \cdot 41 \\ 129 \cdot 33 \\ 129 \cdot 16 \\ 128 \cdot 99 \end{array}$	128-41 128-41 128-33 128-33 128-24	129 · 99 129 · 83 129 · 91 129 · 66 129 · 66
21	136 · 66 136 · 83 136 · 91 136 · 91 136 · 66	141 · 83 142 · 24 142 · 33 142 · 33 142 · 41	135 · 16 135 · 16 135 · 16 134 · 91 134 · 66	131 · 49 131 · 49 131 · 33 131 · 33 131 · 66	131 · 33 130 · 83 130 · 74 130 · 74 130 · 66	130 · 33 130 · 33 130 · 41 130 · 41 130 · 49	129-66 129-74 129-66 129-66 129-66	129 · 91 129 · 99 130 · 33 130 · 33 130 · 33	$\begin{array}{c} 130 \cdot 24 \\ 130 \cdot 24 \\ 130 \cdot 16 \\ 130 \cdot 16 \\ 130 \cdot 16 \end{array}$	$\begin{array}{c} 129\cdot 16 \\ 129\cdot 33 \\ 129\cdot 49 \\ 129\cdot 49 \\ 129\cdot 66 \end{array}$	128 · 24 128 · 16 128 · 16 128 · 08 128 · 08	129 · 99 130 · 41 131 · 16 131 · 49 131 · 99
26	136 · 66 136 · 66 136 · 66 136 · 66 136 · 16	142·33 142·49 142·58 142·49 142·33	134 · 58 134 · 33 134 · 16 134 · 16 134 · 24	131 · 74 132 · 08 132 · 66 133 · 16 133 · 49 133 · 66	130 · 66 130 · 58 130 · 41 130 · 33 130 · 24 130 · 16	130 · 49 130 · 49 130 · 49 130 · 41 130 · 24	129 · 74 129 · 74 129 · 74 129 · 83 129 · 74 129 · 74	130 · 24 130 · 08 130 · 16 130 · 16 130 · 49	130·16 130·16 130·08 130·08 129·99 129·99	129-66 129-66 129-66 129-66 129-66 129-66	127-99 127-99 127-91	132 · 33 132 · 16 132 · 16 132 · 33 132 · 58 132 · 91

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1910-11.

TABLE No. 356 127 · 83 127 · 83 127 · 74 127 · 91 128 · 08 133 - 49 136 - 16 133 - 24 131 - 49 128-66 128 - 66 $127 \cdot 58$ $127 \cdot 49$ $127 \cdot 49$ 129-66 133 - 91 136 - 16 133 · 49 133 · 33 131 · 33 131 · 24 128.66 128 · 91 128 · 91 128 · 99 129 · 66 129 · 74 129 · 74 130-08 128 - 66 126-66 133 - 99 136 - 16 128 · 66 128 · 66 129 - 91 128 · 58 128 · 58 126-66 134 - 16 136-16 131 · 16 131 · 08 129-83 133 - 66 126 - 66 129.08 134 - 41 136-16 133 - 66 6 134 - 66 136-16 $133 \cdot 74$ 130 · 99 130 · 74 128 · 83 128 · 74 129 - 16 128 - 24 129-74 129-66 128-49 134 - 83 136-08 133 - 83 129.33 129-83 129-49 128-49 126.58 134 - 99 135 · 66 135 · 41 135 · 16 130 - 66 128 - 66 129.33 129:16 129 · 83 129 · 74 129 · 74 129-41 126 - 49 135 · 16 135 · 33 134 · 16 134 · 16 130 - 58 128 · 58 128 · 58 129 · 24 129 · 24 129 · 41 129 · 58 128-41 126-49 130-58 120-41 126-40 10. 128-41 $\begin{array}{c} 127 \cdot 16 \\ 127 \cdot 16 \\ 127 \cdot 16 \\ 127 \cdot 16 \\ 127 \cdot 16 \end{array}$ 135 · 49 135 · 66 134 · 16 134 · 16 134 · 16 129 - 66 130 - 58 130 · 33 130 · 33 129 · 91 129 · 91 134 · 83 134 · 66 128-91 128 · 83 128 · 83 129 · 99 130 · 16 128 · 33 128 · 24 126-41 135.66 126 - 49 135-41 134 - 49 133-99 130 - 16 129 - 99 127.08 135-16 134 - 24 133 - 66 130.08 128-66 129-99 130 - 16 128 - 16 126.58 $\begin{array}{c} 127\cdot08\\ 127\cdot08\\ 127\cdot08\\ 127\cdot08\\ 127\cdot08\\ 127\cdot08 \end{array}$ 134-91 134 · 16 134 · 16 133-66 129-91 130 - 24 134 · 66 134 · 41 134 · 66 129 · 74 129 · 66 129 · 58 129 - 99 130 - 24 133-91 133 · 24 133 · 24 128 - 58 $128 \cdot 66$ 129 · 91 129 · 83 130 - 24 129 - 16 128 · 08 127 · 99 127 · 91 126-58 198.58 128.40 129 - 91 120.08 133 - 66 128 - 66 128 - 49 129·74 129·74 129·83 129·74 127 · 91 127 · 83 127 · 83 127 · 83 127 · 74 134 - 83 133 - 58 133-08 129-49 128-66 128-49 129-83 129.08 126-99 126 - 66 134 - 91 129-49 128-66 128 - 49 126 - 99 126 - 74 133 - 66 $132 \cdot 83$ $132 \cdot 74$ 128 - 99 134 · 99 135 · 16 135 · 33 133-41 129·41 129·24 128-99 126 - 91 24. 25. 133-41 132-66 128-83 128 · 24 128 · 16 126 - 91 126 · 83 126 · 74 132 - 49 128.91 128-91 $133 \cdot 41$ 120, 16 129-66 190.01 126.83 135-66 133 - 24 132-33 129-16 129-66 129-91 $126 \cdot 74$ $126 \cdot 74$ $126 \cdot 66$ 126 - 74 132 · 08 131 · 91 131 · 74 131 · 58 136 · 16 133 · 16 128-91 128-91 129 · 16 128 · 91 128 · 74 127 · 99 127 · 99 127 · 99 129 · 66 129 · 66 129 · 66 129 · 83 129 · 83 128 · 83 128 · 83 126 · 83 127 · 08 127 · 33 133 - 16 133 - 24 128-99 128-66 127 - 91 129.66 127 · 66 127 · 66 127 · 66 127 · 99 $133 \cdot 24$ 128-66 129.66

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Upper Grenville, for 1911-12.

TABLE No. 357.

								_			ABLE .	NO. 001.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oet.	Nov.	Dec.	Jan.	Feb.	March.
1	127 · 99 127 · 91 127 · 91 127 · 83 127 · 91	135 · 16 135 · 66 135 · 66 136 · 66 136 · 91	136 · 16 136 · 08 135 · 74 135 · 66 135 · 49	132 · 49 132 · 58 132 · 49 132 · 24 132 · 16	128-83 128-74 128-74 128-74 128-66	128 · 24 128 · 08 128 · 08 127 · 99 127 · 91	127 · 24 127 · 24 127 · 24 127 · 16 127 · 24	127 · 16 127 · 24 127 · 24 127 · 16 127 · 16	128 · 99 128 · 91 128 · 91 128 · 91 128 · 83	130 · 49 130 · 49 130 · 49 130 · 41 130 · 41	128 · 49 128 · 41 128 · 41 128 · 41 128 · 41	127 · 83 127 · 83 127 · 83 127 · 83 127 · 74
6. 7. 8. 9.	$\begin{array}{c} 127 \cdot 99 \\ 128 \cdot 16 \\ 128 \cdot 16 \\ 130 \cdot 16 \\ 131 \cdot 24 \end{array}$	$\begin{array}{c} 137 \cdot 16 \\ 137 \cdot 16 \\ 137 \cdot 41 \\ 137 \cdot 83 \\ 137 \cdot 91 \end{array}$	135 · 41 135 · 33 135 · 16 134 · 91 134 · 66	131 · 99 131 · 83 131 · 66 131 · 49 131 · 33	128 · 66 128 · 66 128 · 66 128 · 83 128 · 99	127 · 91 127 · 99 127 · 91 127 · 83 127 · 74	127 · 33 127 · 16 127 · 16 127 · 08 127 · 08	127 · 24 127 · 33 127 · 33 127 · 41 127 · 49	$\begin{array}{c} 128 \cdot 91 \\ 128 \cdot 91 \\ 128 \cdot 91 \\ 128 \cdot 99 \\ 129 \cdot 16 \end{array}$	130 · 41 130 · 41 130 · 33 130 · 33 130 · 33	128 · 33 128 · 33 128 · 33 128 · 24 128 · 24	127 · 74 127 · 74 127 · 66 127 · 66 127 · 66
11	132 · 16 132 · 49 132 · 99 133 · 33 133 · 66	137 · 91 137 · 91 137 · 74 137 · 49 137 · 16	134 · 58 134 · 58 134 · 66 134 · 91 134 · 91	$131 \cdot 16$ $131 \cdot 08$ $130 \cdot 91$ $130 \cdot 66$ $130 \cdot 41$	$\begin{array}{c} 129 \cdot 16 \\ 129 \cdot 16 \\ 129 \cdot 33 \\ 129 \cdot 49 \\ 129 \cdot 49 \end{array}$	127 · 66 127 · 66 127 · 66 127 · 66 127 · 58	126 · 99 126 · 99 126 · 99 126 · 99 126 · 91	127 · 66 127 · 83 127 · 99 128 · 16 128 · 33	129 · 24 130 · 16 130 · 66 130 · 91 130 · 66	130 · 33 130 · 33 130 · 24 130 · 24 130 · 16	$\begin{array}{c} 128 \cdot 24 \\ 128 \cdot 16 \\ 128 \cdot 16 \\ 128 \cdot 16 \\ 128 \cdot 16 \end{array}$	127-66 127-66 127-66 127-66 127-74
16 17 18 19 20	133 · 66 133 · 66 133 · 16 132 · 99 132 · 91	136·99 136·83 136·66 136·49 136·16	134 · 99 134 · 83 134 · 74 134 · 66 134 · 49	130 · 24 130 · 08 130 · 16 130 · 08 129 · 91	$\begin{array}{c} 129 \cdot 49 \\ 129 \cdot 16 \\ 129 \cdot 08 \\ 129 \cdot 08 \\ 128 \cdot 99 \end{array}$	$\begin{array}{c} 127\cdot 66 \\ 127\cdot 66 \\ 127\cdot 58 \\ 127\cdot 49 \\ 127\cdot 49 \end{array}$	126 · 91 126 · 91 126 · 83 126 · 91 126 · 91	128 · 58 128 · 58 128 · 66 128 · 66 128 · 66	130 · 66 130 · 66 130 · 49 130 · 41 130 · 41	130 · 16 130 · 16 129 · 99 129 · 99 129 · 66	128 · 08 128 · 08 127 · 99 127 · 99 127 · 99	127 · 74 127 · 83 127 · 91 127 · 99 127 · 99
21	$132 \cdot 66$ $132 \cdot 49$ $132 \cdot 66$ $132 \cdot 91$ $133 \cdot 16$	135 · 99 135 · 83 135 · 66 135 · 83 136 · 16	134 · 33 134 · 16 133 · 83 133 · 66 133 · 41	129 · 83 129 · 83 129 · 74 129 · 66 129 · 49	128 · 99 128 · 83 128 · 74 128 · 66 128 · 66	127 · 49 127 · 49 127 · 49 127 · 49 127 · 49	126-99 126-99 126-99 127-08 127-08	128 · 66 128 · 58 128 · 66 128 · 99 128 · 99	130·41 130·41 130·33 120·33 130·33	$\begin{array}{c} 129\cdot 58 \\ 129\cdot 49 \\ 129\cdot 41 \\ 129\cdot 41 \\ 129\cdot 33 \end{array}$	127 · 99 127 · 91 127 · 91 127 · 91 127 · 99	127 · 99 127 · 91 127 · 91 127 · 91 127 · 83
26	133 · 33 133 · 49 133 · 83 134 · 16 134 · 66	136 · 16 136 · 33 136 · 33 136 · 16 136 · 24 136 · 33	133 · 16 132 · 91 132 · 91 132 · 83 132 · 66	$\begin{array}{c} 129\cdot 49 \\ 129\cdot 33 \\ 129\cdot 16 \\ 129\cdot 16 \\ 128\cdot 99 \\ 128\cdot 91 \end{array}$	$\begin{array}{c} 128 \cdot 58 \\ 128 \cdot 49 \\ 128 \cdot 41 \\ 128 \cdot 41 \\ 128 \cdot 24 \\ 128 \cdot 24 \end{array}$	127-41 127-33 127-33 127-24 127-33	$\begin{array}{c} 127 \cdot 08 \\ 127 \cdot 08 \\ 127 \cdot 08 \\ 127 \cdot 16 \\ 127 \cdot 08 \\ 127 \cdot 16 \end{array}$	129 · 16 129 · 16 129 · 24 129 · 41 129 · 16	$\begin{array}{c} 130 \cdot 33 \\ 130 \cdot 16 \\ 130 \cdot 16 \\ 130 \cdot 16 \\ 130 \cdot 49 \\ 130 \cdot 49 \end{array}$	$\begin{array}{c} 129\cdot 16 \\ 129\cdot 08 \\ 129\cdot 08 \\ 129\cdot 08 \\ 128\cdot 99 \\ 128\cdot 83 \\ 128\cdot 66 \end{array}$	127-99 127-91 127-91 127-91	127 · 83 127 · 83 127 · 91 127 · 91 127 · 99 127 · 99

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1912-13.

TABLE No. 358.

										1.4	BLE NO	. 358.
1	127 · 99 127 · 91 127 · 91 127 · 99 127 · 91	135 · 99 135 · 83 135 · 74 135 · 66 135 · 41	139·08 138·91 138·74 138·45 138·12	133 · 62 133 · 45 133 · 28 132 · 95 132 · 74	130 · 12 129 · 95 129 · 83 129 · 83 129 · 74	129 · 33 129 · 20 129 · 24 129 · 24 129 · 18	$\begin{array}{c} 129 \cdot 41 \\ 129 \cdot 23 \\ 129 \cdot 20 \\ 129 \cdot 12 \\ 129 \cdot 16 \end{array}$	131 · 66 131 · 66 131 · 78 131 · 74 131 · 78	131 · 49 131 · 33 131 · 57 131 · 83 132 · 12	130 · 45 130 · 41 130 · 41 130 · 70 130 · 99	130 · 66 130 · 70 130 · 74 130 · 83 130 · 70	129 · 41 129 · 33 129 · 24 129 · 24 129 · 16
6. 7. 8. 9.	127 · 95 128 · 49 130 · 87 131 · 91 132 · 24	135 · 41 135 · 49 135 · 49 135 · 53 135 · 49	$\begin{array}{c} 137 \cdot 87 \\ 137 \cdot 74 \\ 137 \cdot 53 \\ 137 \cdot 28 \\ 137 \cdot 20 \end{array}$	$\begin{array}{c} 132 \cdot 62 \\ 132 \cdot 53 \\ 132 \cdot 37 \\ 132 \cdot 20 \\ 132 \cdot 08 \end{array}$	$\begin{array}{c} 129\cdot 74 \\ 129\cdot 66 \\ 129\cdot 53 \\ 129\cdot 58 \\ 129\cdot 70 \end{array}$	129 · 33 129 · 33 129 · 45 129 · 45 129 · 41	129 · 03 128 · 99 128 · 99 128 · 91 128 · 91	131 · 70 132 · 08 133 · 41 134 · 08 134 · 24	132 · 08 131 · 99 131 · 87 131 · 66 131 · 74	$\begin{array}{c} 131 \cdot 20 \\ 131 \cdot 04 \\ 130 \cdot 95 \\ 130 \cdot 78 \\ 130 \cdot 53 \end{array}$	130 · 45 130 · 28 130 · 20 130 · 03 129 · 87	$\begin{array}{c} 129 \cdot 24 \\ 129 \cdot 28 \\ 129 \cdot 37 \\ 129 \cdot 41 \\ 129 \cdot 45 \end{array}$
11 12 13 14 15	132·58 133·16 133·62 133·66 133·74	135 · 58 135 · 62 135 · 87 136 · 08 136 · 16	136 · 91 136 · 66 136 · 45 136 · 24 135 · 95	131 · 95 131 · 78 131 · 62 131 · 66 131 · 66	$\begin{array}{c} 129 \cdot 70 \\ 129 \cdot 87 \\ 130 \cdot 12 \\ 130 \cdot 20 \\ 130 \cdot 20 \end{array}$	$\begin{array}{c} 129 \cdot 49 \\ 129 \cdot 58 \\ 129 \cdot 41 \\ 129 \cdot 49 \\ 129 \cdot 49 \end{array}$	128 · 87 128 · 74 128 · 74 128 · 78 128 · 87	133 · 99 133 · 78 133 · 58 133 · 74 133 · 87	131 · 99 131 · 99 131 · 94 131 · 86 131 · 79	$\begin{array}{c} 130 \cdot 37 \\ 130 \cdot 29 \\ 130 \cdot 24 \\ 130 \cdot 29 \\ 130 \cdot 33 \end{array}$	129 · 83 129 · 91 129 · 91 129 · 91 129 · 83	129 · 41 129 · 33 129 · 20 15 9 · 20 129 · 45
16	$\begin{array}{c} 134 \cdot 24 \\ 134 \cdot 74 \\ 134 \cdot 95 \\ 135 \cdot 28 \\ 135 \cdot 33 \end{array}$	136 · 20 136 · 57 136 · 91 137 · 03 137 · 20	135 · 91 135 · 87 135 · 70 135 · 53 135 · 45	$\begin{array}{c} 131 \cdot 66 \\ 131 \cdot 49 \\ 131 \cdot 45 \\ 131 \cdot 41 \\ 131 \cdot 28 \end{array}$	130 · 12 130 · 03 129 · 87 129 · 78 129 · 74	129 · 49 129 · 45 129 · 37 129 · 28 129 · 16	$\begin{array}{c} 128 \cdot 91 \\ 128 \cdot 91 \\ 128 \cdot 91 \\ 128 \cdot 87 \\ 129 \cdot 03 \end{array}$	133 · 82 133 · 70 133 · 24 132 · 95 132 · 74	$\begin{array}{c} 131 \cdot 74 \\ 131 \cdot 66 \\ 131 \cdot 62 \\ 131 \cdot 62 \\ 131 \cdot 66 \end{array}$	130 · 33 130 · 33 130 · 66 131 · 24 131 · 41	129 · 83 129 · 74 129 · 74 129 · 66 129 · 66	130 · 87 131 · 49 131 · 49 131 · 58 131 · 99
21 22 23 24 25	135 · 12 135 · 16 135 · 99 136 · 20 136 · 41	137 · 33 137 · 33 137 · 16 137 · 16 137 · 49	135 · 41 135 · 37 135 · 24 135 · 16 134 · 91	$\begin{array}{c} 131 \cdot 12 \\ 131 \cdot 12 \\ 131 \cdot 12 \\ 130 \cdot 99 \\ 130 \cdot 83 \end{array}$	129 · 74 129 · 62 129 · 58 129 · 49 129 · 53	$\begin{array}{c} 129\cdot 16 \\ 129\cdot 16 \\ 129\cdot 20 \\ 129\cdot 28 \\ 129\cdot 33 \end{array}$	$\begin{array}{c} 129 \cdot 10 \\ 129 \cdot 16 \\ 129 \cdot 20 \\ 129 \cdot 82 \\ 130 \cdot 36 \end{array}$	132 · 53 132 · 28 132 · 16 131 · 99 132 · 16	$\begin{array}{c} 131 \cdot 62 \\ 131 \cdot 45 \\ 131 \cdot 28 \\ 131 \cdot 12 \\ 131 \cdot 12 \end{array}$	131 · 49 131 · 41 131 · 54 131 · 49 131 · 24	129 · 74 129 · 74 129 · 66 129 · 66 129 · 58	$132 \cdot 91$ $134 \cdot 66$ $135 \cdot 16$ $135 \cdot 33$ $136 \cdot 33$
26	136 · 33 136 · 33 136 · 16 135 · 99 135 · 99	137-87 137-91 137-91 138-08 138-41 138-95	134·70 134·53 134·33 134·08 133·87	$\begin{array}{c} 130 \cdot 74 \\ 130 \cdot 70 \\ 130 \cdot 53 \\ 130 \cdot 45 \\ 130 \cdot 37 \\ 130 \cdot 20 \end{array}$	$\begin{array}{c} 129\cdot 49 \\ 129\cdot 58 \\ 129\cdot 58 \\ 129\cdot 58 \\ 129\cdot 49 \\ 129\cdot 41 \end{array}$	129 · 37 129 · 41 129 · 33 129 · 41 129 · 41	$\begin{array}{c} 130 \cdot 91 \\ 131 \cdot 10 \\ 131 \cdot 45 \\ 131 \cdot 45 \\ 131 \cdot 70 \\ 131 \cdot 66 \end{array}$	132·08 131·83 131·83 131·66 131·66	131 · 24 130 · 95 130 · 91 130 · 78 130 · 62 130 · 53	$\begin{array}{c} 131\cdot 12 \\ 131\cdot 03 \\ 130\cdot 99 \\ 130\cdot 99 \\ 130\cdot 95 \\ 130\cdot 70 \end{array}$	129 · 58 129 · 49 129 · 49	136 · 66 136 · 49 135 · 95 135 · 33 134 · 83 134 · 99

6 GEORGE V, A. 1913

ELEVATIONS above M.S.L. of Ottawa River at Upper Grenville, for 1913-14.

										1.13	DLE N	0. 000.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	136·16 136·66 136·41 136·07 136·62	137 · 12 137 · 41 137 · 74 137 · 99 138 · 12	134·37 134·12 133·66 133·83 133·74	130 · 62 130 · 41 130 · 20 130 · 16 130 · 04	128 · 99 ·128 · 99 128 · 87 128 · 78 128 · 74	128 · 04 127 · 99 127 · 95 128 · 12 128 · 12	128 · 16 128 · 20 128 · 24 128 · 28 128 · 33	131·16 130·95 130·91 130·83 130·83	132·16 132·16 132·20 132·24 132·20	130 · 16 130 · 16 129 · 95 129 · 83 129 · 74	128 · 91 128 · 91 128 · 95 129 · 03 129 · 08	128.53 128.45 128.41 128.41 128.33
6 7 8 9	136-66 136-66 136-66 136-49 136-37	138 · 29 138 · 33 138 · 08 137 · 95 137 · 70	133 · 45 133 · 24 133 · 16 132 · 99 132 · 91	129 · 99 129 · 91 129 · 79 129 · 66 129 · 74	$\begin{array}{c} 128 \cdot 74 \\ 128 \cdot 66 \\ 128 \cdot 66 \\ 128 \cdot 62 \\ 128 \cdot 49 \end{array}$	$\begin{array}{c} 128\cdot07 \\ 128\cdot04 \\ 127\cdot91 \\ 127\cdot83 \\ 127\cdot79 \end{array}$	128 · 20 128 · 16 128 · 12 128 · 04 127 · 99	130 · 66 130 · 53 130 · 41 130 · 28 130 · 37	$\begin{array}{c} 132 \cdot 12 \\ 132 \cdot 16 \\ 132 \cdot 16 \\ 132 \cdot 03 \\ 132 \cdot 03 \end{array}$	129·78 129·74 129·74 129·74 129·66	129·03 128·99 128·99 128·91 128·87	128 · 33 128 · 37 128 · 41 128 · 41 128 · 33
11	$136 \cdot 20$ $136 \cdot 20$ $136 \cdot 12$ $135 \cdot 87$ $135 \cdot 78$	137 · 53 137 · 12 136 · 95 136 · 74 136 · 57	$132 \cdot 87$ $132 \cdot 78$ $132 \cdot 74$ $132 \cdot 66$ $132 \cdot 66$	129 · 66 129 · 59 129 · 59 129 · 66 129 · 58	$\begin{array}{c} 128 \cdot 41 \\ 128 \cdot 33 \\ 128 \cdot 28 \\ 128 \cdot 16 \\ 128 \cdot 16 \end{array}$	127 · 66 127 · 66 127 · 58 127 · 53 127 · 45	127 · 91 127 · 91 127 · 91 127 · 99 127 · 99	130 · 66 130 · 78 130 · 78 130 · 78 130 · 99	131 · 95 131 · 66 131 · 49 131 · 45 131 · 37	$\begin{array}{c} 129\cdot 66 \\ 129\cdot 53 \\ 129\cdot 28 \\ 129\cdot 12 \\ 129\cdot 03 \end{array}$	128-83 128-74 128-74 128-70 128-66	
16	135 · 83 135 · 83 135 · 83 136 · 07 136 · 16	136 · 12 136 · 12 136 · 04 135 · 79 135 · 41	$132 \cdot 58$ $132 \cdot 45$ $132 \cdot 37$ $132 \cdot 29$ $132 \cdot 20$	129·49 129·49 129·58 129·58 129·58	128 · 16 128 · 12 128 · 08 128 · 04 127 · 95	127 · 53 127 · 66 127 · 70 127 · 83 127 · 70	127 · 99 127 · 99 128 · 04 128 · 12 128 · 20	131 · 28 131 · 45 131 · 57 131 · 62 131 · 78	131·33 131·24 131·24 131·16 131·12	128 · 99 129 · 03 129 · 08 129 · 08 129 · 08	128-66 128-66 128-62 128-58 128-58	128·16 128·20 128·28
21	$136 \cdot 20$ $136 \cdot 20$ $136 \cdot 12$ $135 \cdot 91$ $135 \cdot 99$	135·12 134·91 134·87 134·66 134·58	132·12 131·95 131·79 131·70 131·53	129 · 58 129 · 58 129 · 58 129 · 54 129 · 49	127 · 87 127 · 99 127 · 99 127 · 99 127 · 99	127 · 66 127 · 74 127 · 88 127 · 95 127 · 99	128 · 91 129 · 66 129 · 66 129 · 79 130 · 53	131 · 83 131 · 87 131 · 91 131 · 95 131 · 91	131 · 12 131 · 16 130 · 99 130 · 78 130 · 74	128·99 128·99 128·99 128·95 128·91	128 · 58 128 · 58 128 · 49 128 · 49 128 · 49	128 · 53 128 · 62 128 · 66
26 27, *	135 · 99 136 · 16 136 · 20 136 · 53 136 · 91	134 · 58 134 · 41 134 · 74 134 · 83 134 · 70 134 · 62	131 · 20 131 · 12 130 · 95 130 · 87 130 · 70	129 · 44 129 · 28 129 · 16 129 · 16 129 · 16 129 · 04	127 · 99 128 · 12 128 · 16 128 · 16 128 · 16 128 · 08	128-04 128-12 128-20 128-16 128-16	130 · 78 130 · 87 131 · 08 131 · 16 131 · 16	132-03	130 · 66 130 · 62 130 · 49 130 · 28 130 · 20 139 · 16	128 · 91 128 · 83 128 · 83 128 · 83 128 · 78 128 · 87	128-49 128-49 128-58	129 - 49

Elevations above M.S.L. of Ottawa River at Upper Grenville, for 1914-15.

										TA	BLE No	. 360.
1	131 · 66 131 · 78 131 · 83 131 · 83 131 · 61	133 · 83 134 · 16 133 · 99 133 · 99 134 · 12	131 · 74 131 · 74 131 · 62 131 · 24 131 · 16	130 · 91 130 · 83 130 · 83 130 · 83 130 · 83	128 · 66 128 · 49 128 · 41 128 · 41 128 · 33	127 · 16 127 · 24 127 · 24 127 · 16 127 · 16	126·74 126·74 126·74 126·66 126·58	127 · 08 127 · 16 127 · 16 127 · 33 127 · 41	127 · 99 128 · 16 128 · 66 128 · 99 128 · 99	127 · 41 127 · 41 127 · 33 127 · 33 127 · 33	127 · 49 127 · 49 127 · 49 127 · 41 127 · 41	128-08 128-08 128-08 127-83 127-74
6	131·41 131·08 130·91 130·49 130·24	$\begin{array}{c} 134 \cdot 20 \\ 134 \cdot 24 \\ 134 \cdot 24 \\ 134 \cdot 41 \\ 134 \cdot 66 \end{array}$	$\begin{array}{c} 131 \cdot 16 \\ 131 \cdot 16 \end{array}$	130 · 74 130 · 74 130 · 66 130 · 58 130 · 49	128 · 24 128 · 16 128 · 08 127 · 99 127 · 91	$\begin{array}{c} 127 \cdot 16 \\ 127 \cdot 16 \\ 127 \cdot 24 \\ 127 \cdot 24 \\ 127 \cdot 33 \end{array}$	$\begin{array}{c} 126 \cdot 49 \\ 126 \cdot 49 \\ 126 \cdot 49 \\ 126 \cdot 41 \\ 126 \cdot 41 \\ \end{array}$	$\begin{array}{c} 127 \cdot 33 \\ 127 \cdot 33 \\ 127 \cdot 41 \\ 127 \cdot 41 \\ 127 \cdot 33 \end{array}$	128 · 83 128 · 74 128 · 74 128 · 66 128 · 58	127 · 33 127 · 49 127 · 91 127 · 99 127 · 99	$\begin{array}{c} 127 \cdot 41 \\ 127 \cdot 33 \end{array}$	$\begin{array}{c} 127\cdot 66 \\ 127\cdot 58 \\ 127\cdot 49 \\ 127\cdot 49 \\ 127\cdot 49 \\ 127\cdot 49 \end{array}$
11	$\begin{array}{c} 130\cdot 03 \\ 130\cdot 16 \\ 130\cdot 28 \\ 130\cdot 20 \\ 130\cdot 03 \end{array}$	$\begin{array}{c} 134 \cdot 49 \\ 134 \cdot 45 \\ 134 \cdot 41 \\ 134 \cdot 37 \\ 134 \cdot 28 \end{array}$	131 · 08 130 · 95 130 · 83 130 · 83 130 · 83	130 · 41 130 · 24 130 · 16 130 · 08 129 · 99	127 · 83 127 · 83 127 · 74 127 · 74 127 · 83	$\begin{array}{c} 127 \cdot 24 \\ 127 \cdot 24 \\ 127 \cdot 16 \\ 127 \cdot 16 \\ 127 \cdot 16 \end{array}$	126·49 126·66 126·91 126·91 126·91	127 · 33 127 · 41 127 · 41 127 · 41 127 · 33	128·49 128·41 128·41 128·33 128·41	127-99 128-08 128-08 127-99 127-91	127 · 33 127 · 33 127 · 24 127 · 24 127 · 24	127 · 49 127 · 41 127 · 33 127 · 33 127 · 33
16	$\begin{array}{c} 129\cdot 70 \\ 129\cdot 87 \\ 130\cdot 20 \\ 130\cdot 70 \\ 131\cdot 08 \end{array}$	134 · 16 134 · 03 133 · 87 133 · 78 133 · 62	130 · 66 130 · 58 130 · 41 130 · 41 130 · 41	129 · 91 129 · 83 129 · 83 129 · 74 129 · 66	127 · 83 127 · 66 127 · 66 127 · 58 127 · 49	$\begin{array}{c} 127\cdot 16 \\ 127\cdot 16 \end{array}$	$\begin{array}{c} 126 \cdot 91 \\ 126 \cdot 99 \\ 126 \cdot 99 \\ 126 \cdot 99 \\ 127 \cdot 08 \end{array}$	$\begin{array}{c} 127 \cdot 58 \\ 128 \cdot 16 \\ 128 \cdot 16 \\ 127 \cdot 99 \\ 128 \cdot 08 \end{array}$	128 · 33 128 · 24 128 · 16 127 · 99 127 · 91	127 · 91 127 · 83 127 · 83 127 · 91 127 · 91	127 · 24 127 · 33 127 · 33 127 · 33 127 · 24	$127 \cdot 41$ $127 \cdot 33$
21 22 23 24 25	$\begin{array}{c} 131 \cdot 62 \\ 131 \cdot 91 \\ 131 \cdot 91 \\ 131 \cdot 87 \\ 131 \cdot 83 \end{array}$	133 · 37 133 · 12 132 · 95, 132 · 78 132 · 58	130 · 66 130 · 74 130 · 83 130 · 91 131 · 16	129 · 58 129 · 49 129 · 41 129 · 33 129 · 24	127 · 49 127 · 49 127 · 49 127 · 41 127 · 41	$\begin{array}{c} 127 \cdot 08 \\ 127 \cdot 08 \\ 126 \cdot 99 \\ 126 \cdot 99 \\ 126 \cdot 99 \end{array}$	$\begin{array}{c} 127 \cdot 16 \\ 127 \cdot 16 \\ 127 \cdot 16 \\ 127 \cdot 08 \\ 127 \cdot 08 \\ 127 \cdot 08 \end{array}$	$\begin{array}{c} 128\cdot08 \\ 128\cdot08 \\ 127\cdot99 \\ 127\cdot91 \\ 127\cdot99 \end{array}$	127 · 91 127 · 91 127 · 91 127 · 74 127 · 66	127 · 91 127 · 91 127 · 91 127 · 91 127 · 74	127 · 24 127 · 16 127 · 16 127 · 24 127 · 74	$\begin{array}{c} 127 \cdot 41 \\ 127 \cdot 49 \\ 127 \cdot 83 \\ 128 \cdot 41 \\ 128 \cdot 99 \end{array}$
27	132 · 24 132 · 83 133 · 20 133 · 33 133 · 58	$\begin{array}{c} 132 \cdot 37 \\ 132 \cdot 20 \\ 132 \cdot 03 \\ 132 \cdot 12 \\ 132 \cdot 08 \\ 131 \cdot 87 \end{array}$	131·08 130·99 130·83 130·87 131·08	$\begin{array}{c} 129\cdot 16 \\ 129\cdot 08 \\ 128\cdot 99 \\ 128\cdot 91 \\ 128\cdot 83 \\ 128\cdot 66 \end{array}$	$\begin{array}{c} 127 \cdot 41 \\ 127 \cdot 33 \\ 127 \cdot 24 \\ 127 \cdot 24 \\ 127 \cdot 24 \\ 127 \cdot 33 \\ 127 \cdot 24 \end{array}$	126 · 91 126 · 91 126 · 83 126 · 83 126 · 83	$\begin{array}{c} 126 \cdot 99 \\ 126 \cdot 99 \\ 126 \cdot 99 \\ 126 \cdot 99 \\ 127 \cdot 16 \\ 127 \cdot 16 \end{array}$	128-08 128-08 128-08 127-99 127-91	127 · 49 127 · 41 127 · 41 127 · 49 127 · 58 127 · 49	127 · 74 127 · 74 127 · 66 127 · 66 127 · 58 127 · 58	128·33 128·41 128·16	129 · 41 129 · 49 129 · 08 128 · 91 128 · 66 128 · 66

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1870.

TABLE No. 361.

Billion and the same of the sa								-			DEE .	01 001.
Day.	April.	May.	June	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1,										84-67	87-67	00.45
2										84.67	88-67	88 · 17 88 · 17
3										84-67	89-17	88-17
4										84-67	89-42	
5										84-67	89 - 67	88-17
										01.01	09.01	99.11
6										84-67	89-17	88-17
7										84 - 84	88-17	88-17
8										85.50	86-17	88-17
9										86.00	86-17	88-17
10										86.67	86-17	88-17
11										87 - 17	86-67	88-17
12										87 - 17	86-67	88-17
13										88-17	87 - 17	88-17
14										88 - 67	87 - 17	87 - 67
15										89-67	87-17	87-67
16										87 - 17	87 - 17	87-67
17										85 - 17	87 - 67	87-17
18										85 · 17	87-67	87 - 17
19										85-67	87 - 67	86-67
20										86 · 17	88-17	86-67
0.6												
21										86.67	89-17	86-17
22										86.67	90.17	86.17
23										86.67	90.17	86.17
24										86.67	90.17	86.17
25										87 - 67	90.17	86.17
26										00 17	00.07	00.45
27										88·17 89·17	90-67	86-17
28												86 - 17
29										88 · 67 86 · 67	89-67	86 - 17
30										86-67		86-17
31												86-17
01										87-17		86-17

ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1870-71.

TABLE No. 362. 87 · 92 87 · 75 87 · 59 87 · 42 87 · 34 86 · 17 86 · 17 86 · 42 $96 \cdot 17$ $95 \cdot 92$ $95 \cdot 67$ 83 · 92 83 · 87 83 · 84 $82 \cdot 92 \\ 82 \cdot 92 \\ 82 \cdot 92$ 82·17 82·09 82·09 84.67 $84 \cdot 17 \\ 84 \cdot 25 \\ 84 \cdot 34$ 84.84 88-67 90·17 89·17 88·67 90.17 2 3 4 5 84 · 75 84 · 67 89·17 89·66 89 - 17 84 - 67 89·17 89·17 83 · 79 83 · 75 86 · 67 87 · 67 95·50 95·42 84.67 82.92 82 - 17 84.59 89.66 90.17 84.59 82.92 $84 \cdot 50$ $84 \cdot 50$ 89.92 92.67 88-17 6..... 7.... 8.... 87·25 87·09 86·92 83+00 82.25 84 - 67 84 - 50 89.92 93.67 87 · 17 86 · 17 85 · 17 88 · 17 89 · 17 89 · 67 94 · 92 94 · 67 84·59 84·59 84·59 83 · 67 83 · 67 83 · 59 83.00 82·17 82·09 82·09 84 - 50 89-17 93.67 83 · 00 83 · 00 85.00 84 - 42 89-67 93.67 94 - 67 86.84 85·17 85·25 84 - 42 85 · 42 85 · 67 89.92 $93 \cdot 67$ 89.92 94-17 86.75 84.59 83.59 83.00 82.09 84 - 42 89.92 93.67 $\begin{array}{c} 82 \cdot 09 \\ 82 \cdot 00 \end{array}$ 90.67 $93 \cdot 92$ 86.75 84-67 83 - 59 85·34 85·34 85·34 82.92 84.34 89-92 94 - 17 84 · 67 84 · 75 84 · 75 84 · 84 84 · 84 86-67 83 - 50 12 13 14 91-42 84 · 34 84 · 25 84 · 25 89·92 88·17 85·17 94·67 94·17 94·17 87 · 67 87 · 92 91.67 91.92 92.17 93·17 92·67 92·42 86 · 59 86 · 50 83 - 50 83 - 50 85.34 88-17 86-42 83 - 42 82.84 85.34 $84 \cdot 25$ 85-17 $94 \cdot 17$ 88.42 $92 \cdot 17$ $91 \cdot 75$ $91 \cdot 50$ $91 \cdot 17$ 16 92 - 17 86.34 84.75 $83 \cdot 42$ 82-84 82-00 85.34 84 - 17 85.67 93-67 88-67 17 18 92·92 93·42 86 · 25 86 · 17 $84 \cdot 67 \\ 84 \cdot 59 \\ 84 \cdot 50$ 83 · 34 83 · 34 83 · 25 82·75 82·75 82·67 82 · 00 81 · 92 82 · 42 85·34 85·34 85·34 84 · 17 84 · 17 84 · 42 85-67 91·17 90·17 88-67 89-17 89-17 89-17 85·67 85·67 $94 \cdot 17$ 86.09 90.67 90.92 94 - 67 86.00 $84 \cdot 50$ 83.25 82 - 67 82-67 85.34 84 - 67 91.17 85.84 21 $95 \cdot 42$ 90.67 84.50 83.21 82.59 82.84 85.25 84.92 85.67 92-17 89 - 17 85.17 85.67 85.67 85.92 95·42 95·42 95·67 90·17 89·92 89·67 85 · 67 85 · 50 85 · 34 84 · 42 84 · 34 84 · 34 83 · 17 83 · 09 82·59 82·59 82·50 85·17 85·09 85·09 86-67 89·17 89·17 94.67 83 · 00 83 · 09 87-67 94 - 67 83.09 90-67 88-67 88.67 89.42 84.34 85.00 83.00 82.50 83.17 89-67 90.67 88-17 95 - 92 84.25 83 - 25 89-17 85-09 83.00 82.50 85.00 90.67 90.67 88-92 88-67 96-17 85.00 82·96 82·92 82 · 42 82 · 34 82 · 34 84 · 92 84 · 92 86.67 91·17 91·17 91·17 90-67 87-17 96-34 86 - 92 91 - 17 84 · 00 83 · 92 82·92 82·92 96-42 88-50 88-34 83 - 67 84.84 87·17 87·67 88·17 86-17 96-42 83 - 84 84 - 84 91 - 17 86-17 31 88-17 82.92 84 - 09 90.67 86-17

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1871–72.

Table No. 363.

										IABLE	140. 303.	
Day.	April.	May.	June.	July	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March .
1	86·17 86·17 86·17 86·17 86·17	92 · 92 92 · 92 92 · 92 92 · 92 93 · 67	90·17 90·17 90·17 90·00 89·92	86 · 92 86 · 75 86 · 67 86 · 59 86 · 50	84 · 50 84 · 42 84 · 42 84 · 34 84 · 25	82·75 82·67 82·63 82·63 82·63	81·92 81·92 81·92 82·09 82·17	83 · 34 83 · 34 83 · 34 83 · 34 83 · 34	83-42 83-59 83-59 83-59 83-59	85-67 85-67 86-17 86-67 85-17	92 · 17 87 · 17 88 · 17 88 · 67 88 · 67	92 · 67 91 · 17 91 · 67 91 · 67 92 · 17
6	86·17 86·17 86·17 86·67 87·17	93 · 92 93 · 92 93 · 92 94 · 17 94 · 17	89·75 89·67 89·59 89·42 89·34	86·42 86·34 86·25 86·17 86·00	84 · 25 84 · 17 84 · 09 84 · 00 83 · 92	$\begin{array}{c} 82 \cdot 63 \\ 82 \cdot 59 \\ 82 \cdot 54 \\ 82 \cdot 54 \\ 82 \cdot 50 \end{array}$	$82 \cdot 17$ $82 \cdot 17$ $82 \cdot 13$ $82 \cdot 09$ $82 \cdot 05$	83 · 34 83 · 34 83 · 34 83 · 34 83 · 34	83 · 59 83 · 59 83 · 59 83 · 59 83 · 59	85-67 86-17 86-17 86-17 85-67	88-67 88-67 88-67 89-17 89-67	92·17 93·17 93·67 94·17 94·67
11 12 13 14	87 · 67 88 · 17 88 · 67 89 · 17 89 · 67	93 · 92 93 · 67 93 · 50 93 · 42 93 · 17	89·34 89·17 89·09 89·00 88·92	$85 \cdot 84$ $85 \cdot 75$ $85 \cdot 59$ $85 \cdot 50$ $85 \cdot 42$	83 · 84 83 · 75 83 · 66 83 · 59 83 · 50	82 · 50 82 · 46 82 · 42 82 · 38 82 · 34	$82 \cdot 00$ $82 \cdot 17$ $82 \cdot 25$ $82 \cdot 34$ $82 \cdot 34$	83·34 83·34 83·25 83·17 83·17	83 · 59 83 · 59 83 · 59 83 · 59 83 · 59	85·67 85·17 85·67 85·67 86·17	90·17 89·17 87·17 87·67 87·67	94 · 17 94 · 17 94 · 17 94 · 17 94 · 17
16	89·67 89·92 89·92 90·17 90·67	93 · 67 93 · 00 92 · 84 92 · 67 92 · 42	88 · 92 88 · 84 88 · 75 88 · 59 88 · 42	85·42 85·34 85·34 85·34 85·25	83 · 42 83 · 42 83 · 34 83 · 25 83 · 17	82 · 25 82 · 25 82 · 17 82 · 17 82 · 17	$\begin{array}{c} 82 \cdot 84 \\ 82 \cdot 50 \\ 82 \cdot 50 \\ 82 \cdot 50 \\ 82 \cdot 59 \end{array}$	$83 \cdot 17$ $83 \cdot 42$ $83 \cdot 50$ $83 \cdot 50$ $83 \cdot 42$	83·59 83·59 83·59 83·59 83·59	86 · 67 86 · 67 86 · 67 87 · 17 87 · 67	87-67 87-67 87-17 87-17 87-17	94 · 17 94 · 17 94 · 17 94 · 17 94 · 67
21 22 23 24 25	$91 \cdot 17$ $91 \cdot 67$ $92 \cdot 17$ $92 \cdot 17$ $92 \cdot 17$	92·17 91·92 91·67 91·42 • 91·17	88-17 87-92 87-67 87-50 87-42	85·17 85·09 85·09 85·00 84·84	83 · 17 83 · 17 83 · 09 83 · 00 82 · 92	$82 \cdot 13$ $82 \cdot 09$ $82 \cdot 05$ $82 \cdot 00$ $81 \cdot 96$	82 · 63 82 · 63 82 · 67 82 · 71 82 · 75	83 · 34 83 · 25 83 · 17 83 · 17 83 · 17	84 · 34 84 · 67 84 · 84 84 · 84 84 · 84	87 · 67 88 · 17 88 · 67 89 · 17 89 · 67	87 · 17 87 · 67 88 · 17 89 · 17 90 · 17	95·17 95·17 95·17 95·17 95·17
26 27 28 29 30 31	92·42 92·42 92·67 92·84 92·92	90 · 92 90 · 67 90 · 67 90 · 67 90 · 42 90 · 42	87 · 34 87 · 25 87 · 17 87 · 00 86 · 92	84 · 67 84 · 50 84 · 50 84 · 50 84 · 50 84 · 50	82 · 92 82 · 92 82 · 84 82 · 84 82 · 84 82 · 84	81 · 96 82 · 05 82 · 05 82 · 00 81 · 96	82 · 84 83 · 00 83 · 17 83 · 25 83 · 34 83 · 34	83·17 83·17 83·17 83·17 83·17	84 · 84 84 · 84 84 · 84 84 · 84 85 · 00	90 · 17 90 · 67 90 · 67 90 · 67 91 · 17 91 · 67	90 · 67 91 · 17 91 · 67 92 · 17	95·17 91·17 89·17 88·17 86·17 86·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1872-73.

										Т	ABLE	No. 364
1. 2. 3 4	88 · 17 88 · 17 86 · 17 85 · 17 85 · 17	88·17 88·42 88·92 89·17 89·67	$\begin{array}{c} 91 \cdot 67 \\ 91 \cdot 67 \\ 91 \cdot 67 \\ 91 \cdot 59 \\ 91 \cdot 50 \end{array}$	88-00 87-00 86-84 86-75 86-67	84 · 75 84 · 67 84 · 67 84 · 67 84 · 59	83·09 83·09 83·09 83·09 83·17	85·09 85·00 85·00 85·00 85·00	86·00 85·92 85·75 85·66 85·59	84·34 84·34 84·34 84·34 84·34	$\begin{array}{c} 90 \cdot 92 \\ 90 \cdot 92 \\ 91 \cdot 17 \\ 91 \cdot 17 \\ 91 \cdot 42 \end{array}$	96 · 17 96 · 67 97 · 17 97 · 67 98 · 17	95·17 95·17 95·17 95·17 95·17
6	84 · 67 84 · 67 85 · 17 85 · 67 85 · 67	$90 \cdot 17$ $90 \cdot 67$ $91 \cdot 17$ $91 \cdot 17$ $91 \cdot 67$	91 · 42 91 · 42 91 · 42 91 · 42 91 · 34	86 · 50 86 · 34 86 · 25 86 · 17 86 · 09	84 · 50 84 · 42 84 · 34 84 · 17 84 · 09	83 · 25 83 · 34 83 · 42 83 · 59 83 · 67	85 · 34 85 · 59 85 · 84 85 · 75 85 · 59	85-50 85-42 85-34 85-17 85-09	84 · 34 84 · 34 84 · 50 84 · 67 84 · 67	$\begin{array}{c} 91 \cdot 42 \\ 91 \cdot 67 \end{array}$	98·17 96·17 96·17 96·42 97·67	$95 \cdot 17$ $93 \cdot 17$ $92 \cdot 17$ $92 \cdot 17$ $91 \cdot 17$
11 12 13 14 15	86 · 17 86 · 67 86 · 67 86 · 67 86 · 67	$\begin{array}{c} 91 \cdot 92 \\ 92 \cdot 17 \\ 92 \cdot 42 \\ 92 \cdot 67 \\ 92 \cdot 92 \end{array}$	91 · 25 91 · 17 91 · 09 91 · 00 90 · 84	86·00 85·92 85·84 85·75 85·67	84 · 00 83 · 92 83 · 84 83 · 75 83 · 67	83 · 67 83 · 67 83 · 67 83 · 67 83 · 67	85·59 85·59 85·59 85·59 85·67	85·00 85·00 85·00 85·00 85·00	84 · 84 85 · 00 85 · 00 85 · 17 85 · 67	$\begin{array}{c} 91 \cdot 67 \\ 91 \cdot 67 \\ 91 \cdot 92 \\ 92 \cdot 17 \\ 92 \cdot 67 \end{array}$	98 · 17 98 · 42 98 · 67 99 · 17 99 · 42	91·17 91·17 90·17 88·17 86·17
16 17 18 19 20	86 · 17 86 · 17 86 · 17 86 · 17 86 · 34	93·42 93·42 93·42 93·42 93·34	90 · 67 90 · 59 90 · 34 90 · 00 89 · 75	85·59 85·50 85·34 85·25 85·09	83·59 83·50 83·42 83·42 83·42	83-92 84-17 84-50 84-84 85-17	85·75 85·84 85·92 86·00 86·00	85·00 85·00 85·00 84·75 84·84	85-67 85-67 85-67 85-67 86-17	$93 \cdot 17$ $93 \cdot 67$ $94 \cdot 17$ $94 \cdot 42$ $94 \cdot 67$	99-42 99-42 98-17 96-17 96-17	$86 \cdot 17$ $85 \cdot 67$ $85 \cdot 17$ $85 \cdot 17$ $85 \cdot 17$
21 22 23 24 25	86 · 50 86 · 67 86 · 84 86 · 84 86 · 84	$\begin{array}{c} 93 \cdot 17 \\ 92 \cdot 92 \\ 92 \cdot 67 \\ 92 \cdot 42 \\ 92 \cdot 17 \end{array}$	89·50 89·34 89·17 88·92 88·67	85·00 84·92 84·84 84·75 84·67	83 · 42 83 · 84 83 · 75 83 · 67 83 · 59	85 · 25 85 · 25 85 · 25 85 · 25 85 · 25	86·09 86·09 86·00 85·92 85·92	84 · 75 84 · 67 84 · 59 84 · 59 84 · 59	86 · 67 86 · 67 88 · 67 89 · 17 89 · 67	$\begin{array}{c} 94 \cdot 67 \\ 94 \cdot 92 \\ 92 \cdot 17 \\ 92 \cdot 67 \\ 93 \cdot 17 \end{array}$	$96 \cdot 67$ $97 \cdot 67$ $99 \cdot 17$ $98 \cdot 67$ $99 \cdot 17$	85 · 17 85 · 17 85 · 17 85 · 17 86 · 17
26	86-84 87-00 87-17 87-42 87-92	91 · 92 91 · 92 91 · 92 91 · 84 91 · 75 91 · 67	88 · 42 88 · 17 87 · 92 87 · 67 87 · 42	84 · 67 84 · 67 84 · 67 84 · 75 84 · 75 84 · 84	$83 \cdot 50$ $83 \cdot 42$ $83 \cdot 34$ $83 \cdot 25$ $83 \cdot 17$ $83 \cdot 00$	85·17 85·17 85·09 85·09 85·09	85·92 86·00 86·00 86·09 86·09	84 · 59 84 · 50 84 · 42 84 · 34 84 · 34	$90 \cdot 17$ $90 \cdot 42$ $90 \cdot 67$ $90 \cdot 92$ $90 \cdot 92$ $90 \cdot 92$	$\begin{array}{c} 93 \cdot 67 \\ 94 \cdot 17 \\ 94 \cdot 25 \\ 95 \cdot 17 \\ 95 \cdot 67 \\ 95 \cdot 67 \end{array}$	99·17 98·17 96·17	87·17 91·17 92·17 85·17 85·17 85·17

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1873-74.

TABLE No. 365.

										1	ABLE :	No. 365.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	85·17 85·17 85·17 85·17 85·17	90·84 91·00 91·67 91·92 92·17	95 · 67 95 · 42 95 · 17 94 · 92 94 · 67	88-67 88-59 88-50 88-42 88-17	85·42 85·34 85·34 85·34 85·25	83 · 59 83 · 75 83 · 59 83 · 59 83 · 59	84·09 84·25 84·34 84·50 85·17	86·59 86·67 86·67 86·59 86·59	86-67 86-67 86-17 86-17 85-84	87 · 17 85 · 17 85 · 17 85 · 17 85 · 17 85 · 67	92·17 92·67 93·17 93·67 94·17	91·17 90·17 85·17 85·17 86·17
6	85 · 17 85 · 17 85 · 67 86 · 17 86 · 67	92·42 92·67 92·84 93·00 93·17	$94 \cdot 42$ $94 \cdot 17$ $93 \cdot 92$ $93 \cdot 67$ $93 \cdot 42$	87 · 92 87 · 84 87 · 75 87 · 67 87 · 50	85 · 25 85 · 17 85 · 17 85 · 17 85 · 00	83 · 50 83 · 50 83 · 50 83 · 42 83 · 42	85 · 67 85 · 84 85 · 92 85 · 92 85 · 92	86·50 86·42 86·34 86·34 86·34	85 · 84 86 · 00 86 · 17 86 · 17 86 · 17	86 · 17 86 · 17 86 · 17 86 · 17 86 · 17	94·17 93·67 93·67 93·67 93·17	86·17 86·17 86·17 86·17 86·67
11 12 13 14 15	87-17 87-67 88-67 89-67 90-17	93 · 42 93 · 67 94 · 17 94 · 67 94 · 92	$93 \cdot 17$ $93 \cdot 00$ $92 \cdot 92$ $92 \cdot 67$ $92 \cdot 17$	87·34 87·17 87·00 86·84 86·67	84 · 92 84 · 84 84 · 75 84 · 67 84 · 59	83 · 34 83 · 34 83 · 25 83 · 25 83 · 17	85 · 84 85 · 75 85 · 67 85 · 67 85 · 59	$86 \cdot 34$ $86 \cdot 25$ $86 \cdot 25$ $86 \cdot 00$ $85 \cdot 92$	86·17 86·17 86·34 86·50 86·67	86 · 17 86 · 67 86 · 92 87 · 17 87 · 67	93·17 93·17 93·17 92·92 92·67	87 · 67 88 · 67 89 · 67 90 · 67 87 · 67
16 17 18 19 20	91·17 92·17 92·17 92·17 92·17	95·17 95·42 95·67 95·67 95·67	91 · 67 91 · 42 91 · 17 90 · 84 90 · 67	86·50 86·34 86·17 86·00 86·00	84 · 50 84 · 42 84 · 34 84 · 25	83 · 17 83 · 09 83 · 09 83 · 17 83 · 17	85·50 85·50 85·50 85·50 85·67	85·75 85·67 85·50 85·50 85·50	86 · 67 86 · 17 86 · 17 86 · 17 86 · 17	88 · 17 88 · 67 89 · 17 89 · 17 89 · 17	$92 \cdot 17$ $91 \cdot 67$	86·17 86·17 86·17 86·17 86·17
21 22 23 24 25	92·42 92·42 92·17 92·17 91·92	$95 \cdot 50$ $95 \cdot 34$ $95 \cdot 17$ $95 \cdot 17$ $95 \cdot 34$	90 · 42 90 · 17 89 · 92 89 · 67 89 · 50	86·00 86·00 85·92 85·84 85·67	84 · 25 84 · 17 84 · 00 84 · 00 83 · 92	83 · 25 83 · 34 83 · 42 83 · 50 83 · 59	85·92 86·00 86·00 86·17 86·17	85·50 85·50 85·50 85·50 85·50	86·17 86·17 86·17 86·17 86·17	89-17 88-17 86-17 87-17 88-17	91 · 17 91 · 17 91 · 17 91 · 67 91 · 67	86·17 86·17 86·17 86·17 86·17
26	91·92 91·67 91·42 91·17 90·92	95 · 50 95 · 59 95 · 67 95 · 84 95 · 92	89·34 89·17 8 9·00 88·84 88·67	85 · 59 85 · 50 85 · 50 85 · 42 85 · 42 85 · 42	83 · 84 83 · 75 83 · 75 83 · 75 83 · 67 83 · 67	83 · 59 83 · 67 83 · 84 83 · 92 84 · 00	$86 \cdot 25$ $86 \cdot 34$ $86 \cdot 42$ $86 \cdot 50$ $86 \cdot 59$ $86 \cdot 59$	85·59 85·67 85·84 86·17 86·42	86 · 42 86 · 67 86 · 67 87 · 17 87 · 67 87 · 67	89·17 90·17 90·67 91·17 91·67 92·17	91 · 67 91 · 67 91 · 67	86 · 17 86 · 17 86 · 17 86 · 17 86 · 17 86 · 17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1874-75.

										TA	BLE No	. 366.
1	86 · 17 86 · 17 86 · 17	86-84 86-67 86-50 86-34 86-50	93 · 67 93 · 67 93 · 67 93 · 59 93 · 50	91 · 17 90 · 92 90 · 67 90 · 50 90 · 34	85·50 85·42 85·42 85·34 85·25	83 · 42 83 · 34 83 · 34 83 · 25 83 · 17	82 · 09 82 · 09 82 · 17 82 · 17 82 · 17	82·09 82·09 82·09 82·09 82·17	82 · 59 82 · 59 82 · 59 82 · 59 82 · 59	85 · 17 85 · 17 85 · 17 85 · 42 85 · 67	85 · 67 85 · 67 85 · 67 85 · 67 85 · 67	95·17 95·67 96·17 96·67 96·67
6	86-17 86-17 86-17	86-67 86-84 87-17 87-67 87-92	$93 \cdot 34$ $93 \cdot 17$ $93 \cdot 17$ $93 \cdot 17$ $93 \cdot 00$	90·17 89·92 89·67 89·42 89·17	85·17 85·00 84·84 84·75 84·67	83 · 09 83 · 09 82 · 92 82 · 84 82 · 75	$\begin{array}{c} 82 \cdot 17 \\ 82 \cdot 25 \end{array}$	82 · 25 82 · 34 82 · 42 82 · 50 82 · 50	$82 \cdot 59$	85-67 85-84 85-84 85-84 86-34	87 · 17 88 · 67 91 · 17 92 · 17 93 · 17	96 · 67 96 · 17 96 · 17 96 · 17 96 · 17
11 12 13 14 15	85-17 85-17 85-42	88·17 88·42 88·67 88·92 89·17	$\begin{array}{c} 92 \cdot 84 \\ 92 \cdot 75 \\ 92 \cdot 67 \\ 92 \cdot 67 \\ 92 \cdot 67 \end{array}$	$88 \cdot 92$ $88 \cdot 67$ $88 \cdot 42$ $88 \cdot 17$ $87 \cdot 92$	84 · 59 84 · 50 84 · 42 84 · 34 84 · 25	$\begin{array}{c} 82 \cdot 67 \\ 82 \cdot 59 \\ 82 \cdot 50 \\ 82 \cdot 34 \\ 82 \cdot 25 \end{array}$	82 · 34 82 · 42 82 · 42 82 · 42 82 · 34	82·50 82·50 82·50 82·50 82·50	82·59 82·59 82·59 82·59 82·59	86 · 67 86 · 92 87 · 17 87 · 17 86 · 17	93 - 17 93 - 67 94 - 17 94 - 67 95 - 17	96·17 96·17 95·17 95·17 94·17
16 17. 18 19 20	86-17 86-42 86-67	89·50 89·67 90·17 90·67 91·17	$\begin{array}{c} 92 \cdot 67 \\ 92 \cdot 67 \end{array}$	87 · 67 87 · 42 87 · 17 87 · 17 87 · 17	84 · 17 84 · 17 84 · 17 84 · 17 84 · 17	$82 \cdot 17$	82 · 34 82 · 34 82 · 34 82 · 34 82 · 34	82·50 82·50 82·50 82·50 82·50	83 · 17 83 · 67 83 · 75 83 · 84 83 · 84	86·17 86·67 86·67 85·67 85·17	95·17 95·17 93·17 93·17 93·17	$92 \cdot 17$ $92 \cdot 67$ $92 \cdot 67$ $93 \cdot 17$ $93 \cdot 17$
21	86 · 92 86 · 92	91·67 92·17 92·67 92·92 93·17	$\begin{array}{c} 92 \cdot 67 \\ 92 \cdot 17 \end{array}$	87·09 87·00 86·84 86·67 86·50	84·00 83·92 83·84 83·75 83·67	$82 \cdot 17$ $82 \cdot 13$	$\begin{array}{c} 82 \cdot 25 \\ 82 \cdot 17 \\ 82 \cdot 17 \\ 82 \cdot 09 \\ 82 \cdot 09 \end{array}$	82·50 82·50 82·59 82·59 82·59	83 · 84 83 · 84 83 · 84 83 · 34 83 · 34	$85 \cdot 17$ $85 \cdot 17$ $85 \cdot 17$ $85 \cdot 17$ $85 \cdot 42$ $85 \cdot 67$	94·17 94·17 94·17 94·17 94·17	93 · 67 94 · 17 94 · 17 94 · 17 94 · 17
26	86·92 86·92 86·92	93 · 34 93 · 50 93 · 67 93 · 67 93 · 67 93 · 67	91 · 92 91 · 92 91 · 67 91 · 50 91 · 35	86·34 86·17 86·17 86·00 85·84 85.67	83 · 67 83 · 67 83 · 59 83 · 59 83 · 50 83 · 42	82 · 13 82 · 13 82 · 09 82 · 09 82 · 09	82·09 82·00 82·00 82·00 82·00 82·00	82·59 82·59 82·59 82·59 82·59	83 · 34 83 · 34 83 · 34 83 · 34 83 · 34 83 · 17	85 - 67	94 · 67 95 · 17 95 · 17	$\begin{array}{c} 94 \cdot 17 \\ 94 \cdot 17 \\ 93 \cdot 17 \\ 93 \cdot 17 \\ 91 \cdot 17 \\ 88 \cdot 17 \\ 85 \cdot 17 \end{array}$

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1875-76.

	No.	

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5		85-67 86-17 86-67 87-17 87-67	92·92 92·67 92·42 92·17 91·67	86 · 84 86 · 75 86 · 67 86 · 67 86 · 67	85·09 84·92 84·75 84·67 84·59		83·09 83·00 83·00 83·00 83·09	84·59 84·67 84·75 84·75 84·84	86·17 86·67 86·67 86·67 86·67	88 · 17 88 · 17 88 · 17 88 · 17 88 · 17 88 · 67	92 · 17 92 · 17 93 · 17 93 · 67 93 · 67	96·17 95·17 94·17 94·17 93·17
6 7 8 9		88 · 17 88 · 67 89 · 17 89 · 67 90 · 17	91·42 91·17 91·00 90·92 90·75	86-67 86-67 86-59 86-50 86-42	84·50 84·50 84·42 84·34 84·25		83 · 17 83 · 34 83 · 50 83 · 67 83 · 75	84·75 84·67 84·67 84·67 84·75	86-67 86-67 86-67 86-67 86-67	88-67 89-17 89-67 89-67 90-67	93·67 92·67 91·67 91·17 91·17	92·17 90·17 89·17 89·17 89·17
11 12 13 14 15		90·67 91·17 92·17 93·17 94·17	90.67 90.50 90.34 90.17 90.00	86·34 86·25 86·17 86·09 86·00	84 · 17 84 · 25 84 · 34		83 · 84 83 · 92 84 · 00 84 · 09 84 · 17	84 · 84 84 · 84 84 · 84 84 · 84 84 · 84	87 · 17 87 · 67 87 · 67 88 · 17 88 · 67	92 · 17 92 · 17 92 · 17 92 · 67 92 · 67	91·17 91·67 91·67 92·17 92·17	89·17 89·17 89·67 89·67 90·17
16		94 · 67 95 · 17 95 · 17 95 · 17 95 · 09	89 · 84 89 · 67 89 · 50 89 · 17 88 · 92	85-92 85-84 85-75 85-67 85-50	85-17		84·34 84·50 84·50 84·50 84·50	84·59 84·50	89·17 90·17 90·67 91·17 91·17	91.67 91.67 91.67 91.67 91.17	92 · 17 92 · 67 92 · 67 93 · 17 93 · 17	92·17 92·67
21 22 23 24 25		95·00 94·92 94·75 94·59 94·42	88-67 88-50 88-17 87-92 87-67	85·34 85·17 85·00 84·84 84·92	85.00		84 · 50 84 · 42 84 · 34 84 · 25 84 · 25	84 · 17 84 · 17 84 · 17	91·17 90·17 88·17 88·67 88·67	91 · 17 91 · 67 92 · 17 92 · 17 92 · 17	93 · 17 93 · 17 93 · 67 94 · 17 94 · 67	92·17 91·17
26. 27. 28. 29. 30.		94 · 17 94 · 00 93 · 84 93 · 67 93 · 42 93 · 17	87-42 87-17 87-00 86-84 86-84	85·00 85·17 85·34 85·34 85·25 85·17	84.75		84 · 34 84 · 42 84 · 50 84 · 50 84 · 59	84 · 67 85 · 17 85 · 17 85 · 67	89-17 89-17 88-67 88-67 88-67	90·17 90·17 90·17 90·17 91·17		90·17 90·17 90·17 90·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1876-77.

TABLE No. 368. 90.42 83-67 84 - 42 93·17 92·17 91·17 91·17 87 · 17 86 · 17 86 · 17 96-42 86-34 83-09 $93 \cdot 17$ 86·17 85·92 93·42 93·67 96·17 95·67 90.17 83.84 84-42 84 · 17 84 · 17 84 · 17 92·42 92·67 90.00 83.00 83.92 84-42 83.00 84.00 93.92 95.17 89.84 84.42 94 - 17 85-42 82.92 84.00 84.17 94.92 89-67 84 - 42 83.92 93 - 17 84-67 $94 \cdot 42$ 94.67 89.50 85.17 82.02 84.49 84 · 17 84 · 17 84 · 17 84 · 92 84 · 67 82 · 84 82 · 75 82 · 75 84 · 42 84 · 67 93·17 93·17 91·17 91·67 84-17 $95 \cdot 17 \\ 95 \cdot 92$ $94.42 \\ 94.42$ 89 · 50 89 · 34 84 - 09 83 · 67 83 · 17 84.25 84.42 84 - 17 97.42 89-17 84.34 84.50 93 - 67 84.17 83-17 98-17 93 - 67 84.25 93.92 $84 \cdot 17$ 93 · 67 93 · 17 92 · 67 92 · 42 92 · 17 98-67 88-84 84·17 84·09 82 · 59 82 · 59 84 · 75 84 · 84 84 · 92 85·17 85·17 85·17 94 · 17 94 · 42 94 · 67 92.6792.6784 · 17 84 · 17 84 · 17 83 - 67 84·17 85·17 86·17 99.17 88-67 84.09 82.59 $99 \cdot 42$ 99 67 88-17 84.00 $\begin{array}{c} 92 \cdot 17 \\ 92 \cdot 34 \\ 92 \cdot 42 \\ 92 \cdot 50 \end{array}$ 84 - 17 $86 \cdot 17 \\ 87 \cdot 17 \\ 88 \cdot 17$ 99·75 99·75 99·75 87.92 84,00 82.59 95-17 87 · 67 87 · 59 87 · 50 92 · 17 92 · 67 92 · 67 93 · 67 84 · 17 84 · 17 84 · 17 84 · 17 84 · 17 82.59 95·42 95·67 84-00 84.84 84-84 99 - 67 83·84 83·75 84.84 86 · 67 87 · 17 84 - 84 89.67 99.50 92.50 87 · 34 87 · 24 87 · 17 87 · 09 82 · 50 82 · 50 82 · 42 82 · 34 91 · 17 90 · 17 88 · 17 86 · 17 85 · 17 89.92 84 · 17 84 · 17 84 · 17 90·17 90·42 90·67 98 · 92 98 · 67 92·34 92·17 92·00 83 · 59 83 · 50 84 · 84 84 · 84 88 · 17 88 · 67 95·42 95·42 98-42 83.42 84 - 84 91.84 87.00 84 - 67 89-67 82 · 25 82 · 25 82 · 25 82 · 25 82 · 25 82 · 25 26 27 28 91-67 91-67 84 - 59 98-17 86.92 92 · 17 92 · 67 93 · 17 95 · 67 95 · 67 94 · 67 84 · 17 84 · 17 98 - 00 91.42 86 · 84 86 · 75 83 · 24 83 · 25 83 · 17 83 · 17 83 · 17 84 - 17 97 · 67 97 · 42 97 · 00 84 · 50 84 · 50 84 · 50 90·92 91·17 86 · 67 86 · 59 84 · 17 84 · 17 90.92 91 - 42 30. 93-17 96-67 86.50

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1877-78.

TABLE No. 369.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	84.67	88 · 84	87·17	85·17	84·00	83·00	82·34	83 · 42	85·75	84·92	88-67	85·17
	85.17	88 · 75	87·00	85·17	83·92	83·00	82·34	83 · 42	85·84	84·92	89-67	85·17
	85.67	88 · 67	86·84	85·17	83·92	83·00	82·42	83 · 50	85·84	84·92	88-67	85·17
	85.67	88 · 67	86·67	85·09	83·84	83·00	82·42	83 · 50	85·75	84·92	88-67	85·17
	85.67	88 · 59	86·59	85·09	83·84	83·00	82·42	83 · 50	85·75	84·92	88-17	85·17
6	85.67	88 · 50	86 · 50	85·00	83 · 75	83·00	$82 \cdot 50$	83 · 59	85.75	85 · 67	88 · 17	85·42
	85.67	88 · 42	86 · 42	85·00	83 · 67	83·00	$82 \cdot 50$	83 · 67	85.75	86 · 67	88 · 17	85·67
	85.67	88 · 34	86 · 34	84·92	83 · 59	82·92	$82 \cdot 50$	83 · 67	85.75	87 · 67	88 · 17	85·92
	85.67	88 · 25	86 · 25	84·84	83 · 50	82·92	$82 \cdot 50$	83 · 92	85.75	87 · 67	88 · 17	86·17
	85.67	88 · 17	86 · 17	84·75	83 · 50	82·92	$82 \cdot 50$	84 · 17	85.75	87 · 67	87 · 17	85·17
11	85-67	88 · 00	86·09	84 · 67	83 · 42	82 · 84	82 · 67	84·17	85·75	84 · 67	86·17	84·17
	85-67	87 · 84	86·00	84 · 67	83 · 42	82 · 84	82 · 84	84·17	85·75	84 · 67	85·17	84·17
	85-67	87 · 75	85·92	84 · 67	83 · 34	82 · 75	82 · 84	84·09	85·75	84 · 67	85·17	84·17
	85-67	87 · 67	85·84	84 · 67	83 · 34	82 · 75	82 · 84	84·09	85·75	84 · 67	85·17	84·42
	85-67	87 · 59	85·75	84 · 59	83 · 42	82 · 67	82 · 84	84·09	85·67	85 · 17	85·17	84·67
16	85-67	87·50	85·67	84 · 59	$83 \cdot 42$ $83 \cdot 50$ $83 \cdot 50$ $83 \cdot 59$ $83 \cdot 59$	82·59	83·00	84·09	85·59	85.67	85·17	84 · 67
17	85-67	87·42	85·59	84 · 59		82·59	83·09	84·09	85·50	86.17	85·17	84 · 67
18	85-67	87·34	85·59	84 · 50		82·59	83·17	84·34	85·17	86.17	85·17	84 · 67
19	86-17	87·17	85·50	84 · 50		82·50	83·25	84·42	85·17	85.17	85·17	84 · 67
20	86-67	87·34	85·50	84 · 42		82·50	83·34	84·42	85·09	85.17	85·17	84 · 67
21	86 · 92	87-42	85·50	84 · 42	83 · 59	82·42	83 · 42	84·50	85 · 00	85·17	85·17	84 · 67
22	87 · 17	87-50	85·42	84 · 34	83 · 50	82·42	83 · 42	84·50	84 · 92	85·17	85·17	84 · 67
23	87 · 42	87-59	85·42	84 · 34	83 · 42	82·42	83 · 50	84·67	84 · 92	85·67	85·17	84 · 67
24	87 · 67	87-59	85·42	84 · 25	83 · 34	82·34	83 · 50	84·84	84 · 92	86·17	85·17	84 · 67
25	88 · 92	87-59	85·42	84 · 25	83 · 25	82·34	83 · 59	85·00	84 · 92	86·17	85·17	84 · 67
26 27 28 29 30 31	88-17 88-34 88-50 88-67 88-92	87-59 87-59 87-50 87-42 87-34 87-25	85 · 34 85 · 34 85 · 25 85 · 25 85 · 17	84 · 17 84 · 17 84 · 17 84 · 17 84 · 17 84 · 09 84 · 00	83 · 17 83 · 17 83 · 17 83 · 17 83 · 09 83 · 00	82 · 25 82 · 25 82 · 25 82 · 25 82 · 25	83 · 59 83 · 59 83 · 50 83 · 42 83 · 42 83 · 42	85-17 85-34 85-50 85-59 85-67	84 · 92 84 · 92 84 · 92 84 · 92 84 · 92 84 · 92	86-67 87-67 87-67 87-67 88-17 88-17	85·17 85·17 85·17	84 - 67 84 - 67 84 - 67 84 - 67 84 - 67

ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1878-79.

										Т	ABLE :	No. 370.
1	84·17	87 · 34	87 · 50	85·59	83 · 67	83 · 25	84·75	88-92	87-50	90.67	91-67	95·67
	83·92	87 · 34	87 · 50	85·59	83 · 67	83 · 17	84·75	88-84	87-34	90.92	91-67	95·67
	83·92	87 · 42	87 · 42	85·59	83 · 67	83 · 17	84·75	88-75	87-67	91.17	91-67	95·67
	83·92	87 · 59	87 · 34	85·59	83 · 59	83 · 17	84·75	88-67	87-67	91.42	91-17	95·67
	84·17	87 · 67	87 · 25	85·50	83 · 50	83 · 09	84·75	88-59	87-67	91.42	91-17	91·67
6. 7. 8. 9.	84·34 84·50 84·67 81·84 85·00	87 · 84 88 · 00 88 · 17 88 · 42 88 · 67	87·17 87·09 86·92 86·84 86·75	85·42 85·34 85·17 85·09 85·00	83·50 83·50 83·50 83·59 83·67	83·09 83·00 82·92 82·84 82·75	84 · 75 84 · 75 84 · 75 84 · 75 84 · 67	88 · 42 88 · 34 88 · 17 88 · 00 87 · 84	87 · 67 87 · 42 87 · 17 87 · 17 87 · 17	91·67 91·67 91·67 93·67 90·67	90 · 17 90 · 17 90 · 17 90 · 67 91 · 17	94 · 67 94 · 67 94 · 67 94 · 67 91 · 17
11	85 · 34	88 · 84	86 · 67	84 · 92	83 · 67	82·75	84 · 67	87 · 67	87 · 92	90·17	91 · 17	88·17
12	85 · 67	88 · 84	86 · 59	84 · 84	83 · 67	82·75	84 · 67	87 · 59	87 · 92	90·17	91 · 17	87·17
13	85 · 92	88 · 75	86 · 50	84 · 75	83 · 67	82·75	84 · 67	87 · 42	87 · 92	90·67	91 · 17	86·17
14	86 · 17	88 · 67	86 · 42	84 · 67	83 · 75	82·75	84 · 84	87 · 34	87 · 92	91·17	91 · 17	86·17
15	86 · 42	88 · 59	86 · 34	84 · 67	83 · 75	82·75	85 · 00	87 · 25	87 · 92	91·67	91 · 17	86·17
16	86 · 59	88-50	86 · 25	84 · 67	83 · 84	82 · 84	85-17	87.25	87 · 92	91 · 67	91 · 67	86-17
17	86 · 75	88-42	86 · 17	84 · 59	83 · 84	82 · 84	85-42	87.09	87 · 92	91 · 92	92 · 17	87-17
18	86 · 84	88-34	86 · 09	84 · 59	83 · 92	82 · 92	85-67	87.00	87 · 92	92 · 17	92 · 67	87-17
19	86 · 92	88-25	86 · 00	84 · 50	84 · 00	83 · 17	85-92	86.92	88 · 17	92 · 17	93 · 17	87-17
20	87 · 00	88-17	85 · 92	84 · 42	84 · 00	83 · 59	86-00	86.84	87 · 67	92 · 17	93 · 67	86-67
21	87.00	88·17	85 · 84	84 · 34	83 · 92	84·00	86·09	86 · 75	87-67	92 · 17	94 · 17	86 · 17
	87.00	88·09	85 · 75	84 · 25	83 · 92	84·34	86·17	86 · 67	87-92	91 · 67	94 · 67	85 · 17
	86.92	88·00	85 · 75	84 · 17	83 · 84	84·67	86·42	87 · 00	88-17	91 · 67	94 · 67	85 · 17
	86.92	87·92	85 · 67	84 · 09	83 · 75	84·67	86·59	87 · 34	88-17	91 · 17	95 · 17	85 · 17
	86.92	87·92	85 · 59	84 · 09	83 · 67	84·84	86·84	87 · 42	88-67	91 · 67	95 · 17	85 · 17
26	86·92 87·00 87·09 87·09 87·17	87 · 92 87 · 84 87 · 84 87 · 75 87 · 67 87 · 59	85 · 59 85 · 59 85 · 50 85 · 50 85 · 50	84 · 00 83 · 92 83 · 92 83 · 84 83 · 75 83 · 66	83 · 50 83 · 50 83 · 42 83 · 34 83 · 34 83 · 25	84 · 84 84 · 75 84 · 75 84 · 75 84 · 75	87 · 25 87 · 59 88 · 17 88 · 34 88 · 59 88 · 84	87·42 87·50 87·59 87·67 87·67	89·17 88·67 88·67 89·67 90·17 90·17		95·42 95·67 95·67	85·17 85·17 84·67 84·17 84·17 84·17

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1879-80.

TABLE No., 371.

		C										
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	84·17 84·17 84·17 84·17 84·17	90·42 90·67 91·67 91·92 92·17	92·17 91·92 91·67 91·50 91·42	87 · 34 87 · 17 87 · 00 86 · 84 86 · 67	85·59 85·50 85·42 85·34 85·25	83 · 34 83 · 34 83 · 34 83 · 34 83 · 34	83·42 83·42 83·34 83·34 83·25	82·34 82·34 82·34 82·25 82·25	82 · 75 82 · 84 82 · 92 83 · 00 83 · 00		86·17 87·17 87·67 88·17 88·17	87 · 67 87 · 67 87 · 67 87 · 17 87 · 17
6	84·17 84·17 84·17 84·17 84·17	92·59 92·67 92·84 92·84 92·84	91·17 90·92 90·67 90·42 90·17	86·50 86·34 86·25 86·25 86·25	85·09 84·92 84·75 84·59 84·50	83·34 83·25 83·25 83·25 83·25	83·25 83·25 83·17 83·09 83·00	82 · 25 82 · 25 82 · 17 82 · 17 82 · 17	83 · 17 83 · 50 83 · 84 84 · 17 84 · 42		88-17 88-17 88-67 89-67 90-67	87 17 86 · 67 87 · 17 87 · 67 88 · 17
11	84 · 17 84 · 67 85 · 17 85 · 67 86 · 17	92 · 92 93 · 09 93 · 25 93 · 42 93 · 59	90·00 89·84 89·67 89·50 89·34	86·17 86·17 86·17 86·09 86·09	84·42 84·34 84·25 84·17 84·09	83 · 25 83 · 25 83 · 25 83 · 34 83 · 42	82 · 92 82 · 84 82 · 84 82 · 84 82 · 84	82·17 82·17 82·17 82·17 82·42	84·67 84·92 85·17 85·42 85·67		91·17 90·67 90·17 89·17 89·17	88 · 17 89 · 17 89 · 17 89 · 17 89 · 17
16 17 18 19 20	86-67 86-92 87-17 87-42 87-50	94 · 00 94 · 92 95 · 42 95 · 67 95 · 92	89·25 89·17 89·09 89·00 88·92	$86 \cdot 00$ $86 \cdot 00$ $85 \cdot 92$ $85 \cdot 92$ $85 \cdot 92$	84.00 83.92 83.92 83.84 83.75	83 · 42 83 · 50 83 · 50 83 · 59 83 · 67	82 · 84 82 · 84 82 · 84 82 · 75 82 · 75	82·50 82·59 82·67 82·75 82·84	85-84 86-00 86-17 86-67 87-17		88 · 17 88 · 17 87 · 17 87 · 17 88 · 17	87 · 17 86 · 67 86 · 17 86 · 17 86 · 17
21	87-59 87-67 87-92 88-17 88-42	$96 \cdot 17$ $96 \cdot 17$ $95 \cdot 92$ $95 \cdot 67$ $95 \cdot 34$	88 · 84 88 · 75 88 · 67 88 · 50 88 · 34	85 · 92 85 · 92 85 · 92 85 · 84 85 · 75	83 · 67 83 · 67 83 · 67 83 · 67 83 · 59	83 · 67 83 · 67 83 · 67 83 · 67 83 · 67	82·75 82·67 82·67 82·67	82 · 92 82 · 92 82 · 92 82 · 92 82 · 84	88-17 88-17 88-17 88-67 89-17		88 · 17 88 · 17 88 · 17 88 · 17 88 · 17	86·17 86·17 86·17 86·17 86·17
26 27 28 29 30 31	88 · 67 88 · 92 89 · 17 89 · 67 90 · 17	$\begin{array}{c} 94 \cdot 92 \\ 94 \cdot 42 \\ 94 \cdot 00 \\ 93 \cdot 59 \\ 93 \cdot 17 \\ 92 \cdot 67 \end{array}$	88 · 17 87 · 92 87 · 75 87 · 59 87 · 42	85-67 85-67 85-67 85-67 85-67	83 · 59 83 · 50 83 · 50 83 · 50 83 · 42 83 · 34	83 · 59 83 · 59 83 · 59 83 · 50 83 · 50	$\begin{array}{c} 82 \cdot 59 \\ 82 \cdot 59 \\ 82 \cdot 50 \\ 82 \cdot 50 \\ 82 \cdot 42 \\ 82 \cdot 42 \end{array}$	82·84 82·84 82·84 82·75 82·75	89·17 89·67 90·17 90·67 91·17 91·17		87 · 17 87 · 17 87 · 17 87 · 17	86·17 86·17 86·17 86·17 86·17 86·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1880-81.

TABLE No. 372. 88 · 25 88 · 00 87 · 92 87 · 84 87 · 67 86-67 91.6794-34 85·50 85·50 $83 \cdot 50 \\ 83 \cdot 50$ 87 · 17 86 · 67 86 · 67 89·17 89·67 89·67 83-00 84-42 96-17 96 · 17 96 · 67 97 · 17 97 · 17 94 · 17 87 · 67 88 · 67 91.67 94-17 84 - 42 95.67 83.00 91.67 85-42 $83 \cdot 17 \\ 83 \cdot 25$ 84-42 88-67 91.75 93-67 85 · 42 85 · 34 83 - 50 84·50 84·50 86-84 89-67 90-17 95·17 95·17 91.8493-42 $83 \cdot 34$ 86.84 88 · 67 88 · 67 88 · 67 88 · 67 $\begin{array}{c} 91 \cdot 92 \\ 92 \cdot 17 \\ 92 \cdot 42 \\ 92 \cdot 67 \end{array}$ 85 · 25 85 · 17 85 · 17 85 · 09 95·17 95·17 95·17 95·17 93 · 17 91 · 17 91 · 17 89 · 17 88 · 17 $93 \cdot 17$ $92 \cdot 92$ $92 \cdot 92$ 83 · 50 83 · 67 83 · 75 83 · 75 86 · 84 87 · 00 87 · 09 87 · 50 90-17 £4.75 84.92 85.00 90·17 90·67 91·17 91·67 87 · 42 87 · 25 87 · 00 83-42 83-42 83-34 $93 \cdot 17$ $92 \cdot 50$ 86.92 85.00 83 - 34 83.75 85-17 87.67 $94 \cdot 17$ 88 · 17 88 · 17 88 · 17 88 · 17 87 · 67 86 · 17 86 · 17 86 · 17 85 · 67 85 · 17 $84 \cdot 92 \\ 84 \cdot 84 \\ 84 \cdot 75 \\ 84 \cdot 67 \\ 84 \cdot 59$ 88-67 93 - 67 $92 \cdot 42$ 86-84 83-34 83 - 84 85.50 92 - 17 93 - 17 92 · 17 92 · 67 93 · 17 93 · 67 94 · 17 94 - 17 92·34 92·25 92·00 86 - 67 93·17 93·17 93·67 94-67 94-84 88-67 88-67 86.59 83 · 25 83 · 25 83 · 25 86 · 34 87 · 17 86·50 86·34 91-84 88-00 94 - 17 91.50 88-67 95.09 86.34 84.50 $83 \cdot 25 \\ 83 \cdot 25 \\ 83 \cdot 25$ 94.67 94-67 88-09 88-17 88-17 88-17 88-17 88-67 88-67 95·25 95·42 95·42 91·30 91·17 90·92 90·67 87 · 17 87 · 17 87 · 17 87 · 17 85 · 17 85 · 17 85 · 17 85 · 17 85 · 17 6.00 85.84 85.67 $84 \cdot 42 \\ 84 \cdot 34$ 84 - 17 $93 \cdot 17 \\ 93 \cdot 17$ $94 \cdot 92 \\ 95 \cdot 17$ 88-67 84·17 84·00 84·25 84·25 90-42 83 - 17 85.50 $94 \cdot 17$ 87 · 17 87 · 17 87 · 17 87 · 17 87 · 17 85 · 17 85 · 17 85 · 67 86 · 17 86 · 67 89-17 95.31 $91 \cdot 17$ 83 - 84 83-17 84.25 88-17 94.67 95.67 95.92 95.92 96.17 96.67 89-67 $95 \cdot 17$ $94 \cdot 92$ 89 · 92 89 · 67 85·50 85·50 85·50 83 · 75 83 · 75 83 · 67 83 - 17 84 · 25 84 · 34 84 34 95 · 17 95 · 42 95 · 67 83.09 88-09 94 - 67 88-09 90-67 26 27 28 29 90-92 94.59 89.0 84 - 34 $96 \cdot 92 \\ 97 \cdot 17 \\ 97 \cdot 17$ 86-67 85.59 83.59 83.00 94-17 85.67 85.67 85.67 85.59 87 · 17 87 · 67 88 · 17 88 · 67 90 · 92 91 · 17 91 · 42 88-84 83.00 84 - 34 94 - 17 94 · 50 94 · 50 83 · 59 83 · 50 83 · 50 83-00 94 - 67 86-67 86-67 86-67 83.00 84 · 34 84 · 42 94 - 92 95 - 17 83.00

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1881-82.

TABLE No. 373.

							-					
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	86-17 86-17 85-67 85-17 84-92	88-67 89-17 89-67 90-17 90-34	91·59 91·25 90·92 90·67 90·42	85·50 85·50 85·42 85·34 85·25	83 · 59 83 · 59 83 · 50 83 · 50 83 · 42	82·17 82·09 82·09 82·09 82·09		82·84 82·75 82·84 82·84 82·84	84 · 84 84 · 84 84 · 84 84 · 84 85 · 00	85-67 86-67 87-92 89-17 88-67	89·67 89·67 89·92 90·17 90·17	87.67 87.17 87.67 88.17 88.67
6 7 8 9 10	84 · 67 84 · 17 84 · 17 84 · 17 84 · 17	90·50 90·67 90·67 90·59 90·50	90·17 89·92 89·67 89·42 89·17	85·17 85·09 84·92 84·75 84·67	83·42 83·34 83·34 83·25 83·25	82·09 82·09 82·09 81·92 81·59		82 · 92 83 · 00 83 · 17 83 · 34 84 · 67	85·17 85·50 85·84 85·84 85·67	88·17 88·17 85·17 85·17 85·17	90·42 90·42 90·42 90·42 90·17	89·17 88·67 88·17 88·17 87·67
11 12 13 14 15	84 · 17 84 · 17 84 · 17 84 · 17 84 · 17	90.67 91.17 91.42 91.67 92.00	88-92 88-67 88-42 88-17 87-92	84·59 84·59 84·59 84·50 84·42	83·17 83·17 83·09 83·09 83·00	81 · 84 81 · 84 81 · 75 81 · 75 81 · 59		84·67 84·75 81·84 84·92 84·75	85 · 67 85 · 92 85 · 92 86 · 17 86 · 67	86·17 86·17 86·17 86·17 86·17	90·17 90·17 89·17 86·17 86·17	87·67 87·67 87·67 87·67 87·67
16 17 18 19 20	84 · 17 84 · 17 84 · 25 84 · 34 84 · 42	$92 \cdot 42$ $92 \cdot 92$ $93 \cdot 67$ $94 \cdot 17$	87-67 87-42 87-17 87-00 86-84	84 · 34 84 · 25 84 · 17 84 · 09 84 · 00	83·00 82·92 82·92 82·84 82·75	81·59 81·67 81·67 81·67 81·59		84 · 84 84 · 84 85 · 00 85 · 00 85 · 09	87-17 87-67 85-67 85-67 85-67	86 · 17 86 · 17 86 · 67 86 · 67 86 · 17	86·17 86·17 86·17 86·17 86·17	87-67 87-67 87-67 87-67 87-67
21 22 23 24 25	84 · 59 84 · 67 84 · 75 84 · 84	94·17 94·17 93·84 93·34 92·84	86·67 86·50 86·34 86·17 86·00	83 · 92 83 · 84 83 · 75 83 · 67 83 · 59	82.75 82.67 82.67 82.59 82.50	81·59 81·50 81·50 81·42 81·50		85·17 85·09 85·00 84·92 84·92	85·17 85·17 85·17 85·17 85·17	86 · 17 86 · 17 86 · 67 87 · 17 88 · 17	87-17 87-67 87-67 87-67 88-17	87·92 87·92 88·17 87·92 87·92
26 27 28 29 30 31	85 · 17 85 · 84 86 · 67 87 · 42 88 · 17	$\begin{array}{c} 92 \cdot 75 \\ 92 \cdot 67 \\ 92 \cdot 59 \\ 92 \cdot 50 \\ 92 \cdot 50 \\ 92 \cdot 42 \end{array}$	85 · 84 85 · 67 85 · 67 85 · 59 85 · 59	83·59 83·67 83·67 83·67 83·67 83·67	82·50 82·42 82·34 82·34 82·25 82·17	81 · 42 81 · 42 81 · 42		84-84 84-84 84-84 84-84	85·17 85·17 85·17 85·17 85·17 85·17	88-67 88-67 89-17 89-17 89-67 89-67	88-17 88-17 88-17	87·67 87·67 87·67 87·92 88·17 88·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1882-83.

										TABLE	No. 374
1 2 3 4 5	88-17 88-17 88-17 88-17 88-17	91.00 9 91.09 9 91.17 9	5 · 50 92 · 1 5 · 50 92 · 1 5 · 42 92 · 1 5 · 25 92 · 1 5 · 42 92 · 1	0 88 75 4 88 59 7 88 42	88-09 88-00 87-92 87-84	88-34 88-09 87-92 87-75 87-67	86 · 59 86 · 59 86 · 59	87·25 87·17 87·17 87·17 87·42	86 · 92 87 · 34 88 · 17 88 · 42 88 · 67	91 · 17 91 · 67 92 · 34 92 · 50 92 · 67	97 · 17 96 · 17 91 · 17 91 · 84 92 · 67
6 7 8 9	88-17 88-42 88-42 88-42 88-42	91·42 9 91·42 9 91·42 9	5·34 92· 5·25 91· 5·17 91· 5·00 91· 4·84 91·	2 88·09 4 88·00 5 87·92		87 · 42 87 · 34 87 · 17	86 · 50 86 · 50 86 · 50	87-67 87-92 88-17 88-42 88-67	88 · 34 88 · 17 87 · 67 87 · 17 87 · 42	$93 \cdot 34$ $92 \cdot 50$ $92 \cdot 84$ $93 \cdot 17$ $93 \cdot 59$	$94 \cdot 00$ $94 \cdot 92$ $95 \cdot 17$ $96 \cdot 17$ $95 \cdot 92$
11 12 13 14 15	88-42 88-42 88-50 88-59 88-67	91·92 9 92·17 9 92·42 9	14 · 67 91 · 14 · 50 91 · 14 · 25 91 · 14 · 00 90 · 13 · 75 90 ·	87 · 67 9 87 · 59 4 87 · 50	87 - 17	86-92	87-00 87-25	88 · 92 89 · 17 89 · 25 88 · 92 88 · 67	87·92 87·50 86·67 86·17 86·42	94 · 00 94 · 34 94 · 42 94 · 42 94 · 17	$95 \cdot 17$ $94 \cdot 92$ $94 \cdot 67$ $94 \cdot 50$ $94 \cdot 50$
16 17 18 19 20.	88 · 67 88 · 75 88 · 84 89 · 25 89 · 75	93·17 9 93·34 9 93·50 9	3 · 67 90 · 3 · 59 90 · 3 · 50 90 · 3 · 59 90 · 3 · 84 89 · 9	4 87-67 7 88-00 9 88-50	87·25 87·17 87·09 87·17 87·25	86·75 86·67 86·67 86·59 86·59	87.67 87.92 88.17 88.42 88.42	88 · 67 88 · 84 89 · 00 89 · 17 89 · 42	86 · 84 87 · 67 88 · 34 88 · 84 89 · 67	93 · 92 93 · 84 94 · 00 94 · 25 94 · 75	$94 \cdot 17$ $94 \cdot 00$ $94 \cdot 17$ $94 \cdot 59$ $93 \cdot 17$
21	90·17 90·67 90·75 90·75 90·75	94·00 9 94·17 9 94·34 9	3 · 92 89 · 1 3 · 92 89 · 3 3 · 92 89 · 3 3 · 84 89 · 1 3 · 67 89 · 6	2 88·67 4 88·67 5 88·67	87·25 87·34 87·50 87·67 87·84	86·59 86·50 86·59 86·59	88-25 88-00 87-92 87-84 87-75	89·42 89·17 88·67 88·17 87·17	90·17 90·92 91·17 91·17 90·67	95·00 95·17 95·42 95·92 95·84	$93 \cdot 75$ $92 \cdot 17$ $91 \cdot 92$ $91 \cdot 84$ $91 \cdot 59$
26 27 28 29 30 31	90·84 90·84 90·84 90·92 90·92	95·00 9 95·17 9 95·34 9 95·42 9	3·50 89·4 3·34 88·5 3·17 88·5 3·00 89·4 2·84 89·4	2 88·42 2 88·34 9 88·25 9 88·17	88-00 88-17 88-25 88-34 88-42	86 · 50 86 · 50 86 · 50 86 · 50 86 · 50	87-67 87-59 87-42 87-34 87-34	86 · 67 86 · 67 86 · 67 86 · 67 86 · 17 86 · 17	90 · 42 90 · 59 90 · 84 90 · 84 90 · 84 90 · 84	96·17 96·42 96·67	91·17 90·92 90·67 90·17 90·17

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1883–84.

Table No. 375.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	88-17	90·59	93 · 84	93 · 00	89·34	85 · 84	85·25	86·59	90·34	91 · 67	95 · 67	95·17
	87-67	90·34	93 · 84	93 · 17	89·17	85 · 75	85·42	86·67	90·17	91 · 67	95 · 67	95·42
	87-17	90·25	93 · 84	93 · 42	89·09	85 · 67	85·59	86·75	89·92	91 · 92	95 · 67	95·67
	86-92	90·00	93 · 84	93 · 42	88·92	85 · 59	85·67	87·00	89·75	92 · 67	95 · 67	96·17
	86-67	90·17	93 · 75	93 · 34	88·75	85 · 50	85·67	87·25	89·17	93 · 17	95 · 67	96·67
6	85 · 67 85 · 92 86 · 17 86 · 67 87 · 17	90·42 90·67 90·84 91·17 91·50	93 · 59 93 · 42 93 · 34 93 · 09 93 · 00	$93 \cdot 17$ $93 \cdot 00$ $92 \cdot 84$ $92 \cdot 59$ $92 \cdot 34$	88 · 59 88 · 50 88 · 42 88 · 34 88 · 25	85·42 85·34 85·42 85·50 85·67	85·59 85·50 85·34 85·25 85·25	87 · 59 87 · 67 87 · 75 87 · 92 88 · 17	89·17 89·17 89·17 89·17 89·17	93 · 67 93 · 92 94 · 09 94 · 17 94 · 34	95.84 96.00 96.17 96.17 96.17	96-67 97-17 97-17 96-17 94-17
11	87.92	91 · 84	93 · 00	91 · 92	88·17	85 · 67	85 · 25	88 · 50	89·17	93-67	96·17	93·17
12	89.50	92 · 00	93 · 00	91 · 75	88·09	85 · 67	85 · 34	88 · 84	89·67	93-67	96·17	93·17
13	90.00	92 · 17	93 · 00	91 · 59	87·92	85 · 67	85 · 34	88 · 84	89·67	93-92	95·17	93·17
14	90.67	92 · 25	93 · 00	91 · 50	87·75	85 · 59	85 · 42	88 · 67	89·67	94-17	95·17	93·17
15	91.42	92 · 34	93 · 00	91 · 42	87·59	85 · 59	85 · 50	88 · 67	89·67	94-67	95·17	93·17
16	92·42	92·50	93.00	91 · 34	87 · 50	85·50	85·59	88 · 50	90 · 17	94·92	95·17	92·17
	92·42	92·50	93.17	91 · 42	87 · 42	85·50	85·75	88 · 42	90 · 17	95·17	94·67	92·17
	92·34	92·42	93.34	91 · 50	87 · 34	85·42	86·00	88 · 34	90 · 17	95·17	94·17	92·17
	92·25	92·42	93.34	91 · 59	87 · 17	85·34	86·17	88 · 34	90 · 50	95·17	93·17	92·17
	92·17	92·34	93.34	91 · 59	87 · 00	85·34	86·34	88 · 25	90 · 84	95·42	93·17	92·17
21	92·09	92.34	93 · 25	91 · 59	86-92	85·34	86 · 42	88-25	91 · 17	95·42	93 · 17	91·17
22	92·09		93 · 17	91 · 42	86-84	85·34	86 · 42	88-34	91 · 67	95·17	93 · 17	91·17
23	92·00		93 · 09	91 · 34	86-75	85·34	86 · 34	88-50	91 · 67	95·17	93 · 67	91·17
24	92·00		93 · 00	91 · 17	86-67	85·25	86 · 34	88-67	92 · 17	95·42	94 · 17	91·17
25	91·84		92 · 92	90 · 75	86-59	85·25	86 · 25	88-92	92 · 42	95·42	94 · 67	91·67
26. 27. 28. 29. 30.	91·50 91·34 91·17 91·00 90·84	93 · 59 93 · 67	92 · 84 92 · 84 92 · 84 92 · 84		86 · 50 86 · 42 86 · 25 86 · 09 86 · 00 85 · 92	85-25 85-25 85-17 85-17 85-17	86·17 86·17 86·17 86·17 86·25 86·42	89·42 89·67 90·00 90·17 90·34	92 · 67 91 · 67 91 · 17 91 · 67 91 · 67 91 · 17		94-67 94-67 94-67 94-67	93·67 94·17

ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1884-85.

TABLE No. 376. 95·17 94·17 93·17 93·17 86-50 90.00 89-09 90.67 94-17 $95 \cdot 50$ 88 · 59 88 · 67 93 · 67 93 · 17 93 · 17 95·67 95·92 96·17 95·17 95·00 89-84 89-67 89-59 86-67 86-59 89-17 89-17 88-67 88-59 92·17 94·17 94·17 94.75 86-59 93-17 96.50 89.50 86-75 93·17 93·17 96-67 $94 \cdot 17$ 89-42 86-50 89-17 88-50 93-17 93·17 93·17 89 · 25 89 · 25 89 · 25 89 · 25 89 · 17 96·84 97·00 93-92 89-34 86-84 92·17 92·17 93 - 67 89.25 86.50 86-84 90.92 97-17 97-34 86.50 90.92 92·17 92·17 93 - 67 92 - 67 89-09 88-92 86.50 93.34 94 - 17 92.42 97 · 50 97 · 67 97 · 67 97 · 67 97 · 67 $\begin{array}{c} 90 \cdot 42 \\ 90 \cdot 17 \\ 90 \cdot 17 \end{array}$ 88.75 86-92 87-00 87-09 92.17 93-17 89.09 86.50 92·17 92·17 92·17 92·17 92·17 86 · 59 86 · 42 92·17 92·17 92·67 93·09 93·00 88 · 67 88 · 59 89·00 88·92 88 · 84 88 · 84 94 · 67 95 · 17 95 · 17 86-34 88-42 86.25 97 · 59 97 · 59 97 · 50 97 · 50 97 · 42 87·25 87·25 87·34 87·34 92·92 93·17 $92 \cdot 59$ 88-34 88-50 86.25 88-67 90.92 95·67 95·67 16 17 18 88 · 25 88 · 25 86 · 17 86 · 17 91·17 91·67 91·92 93.84 92.00 88 · 17 88 · 17 88.00 95·67 96·17 04,00 91.84 87.84 86.09 93.92 87-67 87-59 87-42 87-34 87-42 87-42 87-42 87-42 86-09 88-42 92·42 92·92 93·67 94-17 94.67 $91 \cdot 59$ 94·42 94·67 96 · 17 96 · 17 96 · 17 96 · 17 94 · 34 94 · 50 94 · 67 97 · 34 97 · 25 97 · 00 91·42 91·25 91·17 88-09 86.09 88-42 86-09 88-00 88-00 87.92 86-17 88 - 67 26 96-67 90.84 86-17 88 - 67 94 - 17 87-09 87-00 87-00 87-00 87-00 94 · 17 93 · 17 93 · 17 93 · 17 87-84 87-92 86 · 17 86 · 34 86 · 50 88-67 96.42 96.42 90.50 95.92 96 · 17 95 · 92 95 · 67 95·17 95·17 88.00 90-17 86.59 88-00

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1885-86.

TABLE No. 377.

					-	-				A.21	DLE N	0. 311.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oet.	Nov.	Dec.	Jan,	Feb.	March.
1	93 · 17 93 · 17 93 · 17 93 · 17 93 · 17	98-42 97-17 96-92 96-67 96-17	96·34 96·17 96·00 95·84 95·67	92·59 92·42 92·34 92·25 92·17	89 · 84 89 · 67 89 · 50 89 · 50 89 · 34	87-92 87-92 87-84 87-75 87-67	86 · 92 86 · 92 86 · 84 86 · 84 86 · 75	86-67 86-84 86-92 87-00 87-09	87-67 87-67 87-67 87-67 88-17	87·17 86·67 86·17 86·17 87·17	96·17 96·17 96·17 96·17 96·17	96·17 96·17
6 7. S 9	92·17 91·17 90·17 90·17 90·17	95 · 42 95 · 17 95 · 42 95 · 67 96 · 17	95 · 42 95 · 17 95 · 00 94 · 84 94 · 67	$\begin{array}{c} 92 \cdot 00 \\ 92 \cdot 00 \\ 91 \cdot 92 \\ 91 \cdot 92 \\ 91 \cdot 92 \end{array}$	89·17 89·00 89·00 88·92 88·84	87·59 87·50 87·42 87·34 87·34	86-75 86-67 86-67 86-59 86-34	87·17 87·34 87·50 87·75 87·92	88-17 88-17 88-17 88-67 88-67	88 · 17 90 · 17 92 · 17 93 · 17 94 · 17	96·17 96·17 93·17 93·17 93·17	93 - 17
11 12 13 14 15	99·17 99·17 99·17 99·42 90·67	96 · 42 96 · 67 96 · 92 97 · 09 97 · 17	94 · 42 94 · 17 93 · 92 93 · 67 93 · 42	91·84 91·75 91·67 91·59 91·59	88-75 88-67 88-59 88-59 88-59	87·34 87·34 87·34 87·34 87·34	86·17 86·17 86·00 86·00 86·17	88.00 88.00 87.92 87.84 87.84	88-67 89-17 89-67 89-67 90-17	94·17 95·17 95·17 95·17 95·17	92·17 90·17 90·17 90·17 90·17	91·17 91·17 91·17 91·17 89·17
16	91·17 92·17 93·17 94·17 95·17	97·17 97·17 97·17 97·17 97·17	93 · 25 93 · 09 93 · 00 92 · 92 92 · 92	91·59 91·50 91·42 91·34 91·25	88 · 50 88 · 50 88 · 50 88 · 50 88 · 42	87 · 25 87 · 25 87 · 25 87 · 17 87 · 17	86·34 86·34 86·34 86·34	87 · 84 87 · 84 87 · 75 87 · 75 87 · 75	90·17 90·17 89·67 89·67 89·67	95·17 95·17 95·17 95·17 95·17	90·17 90·17 90·17 90·17 90·17	89-17 89-17 89-17 88-17 88-17
21 22 23 24 25	96 · 17 97 · 42 98 · 42 99 · 42 98 · 84	97 · 17 97 · 17 97 · 17 97 · 17 97 · 17 97 · 09	92 · 9? 93 · 00 93 · 17 93 · 17 93 · 09	91·17 91·09 91·00 90·84 90·67	88-34 88-17 88-17 88-17 88-09	87 · 17 87 · 34 87 · 34 87 · 17 87 · 17	86 · 50 86 · 67 86 · 84 86 · 84 86 · 75	87 · 75 87 · 75 87 · 75 87 · 67 87 · 67	89 · 67 89 · 17 89 · 17 89 · 17 89 · 17	95 · 17 95 · 17 95 · 17 95 · 17 95 · 17	91·67 92·17 92·17 92·17 92·17	88 · 17 87 · 17 87 · 17 87 · 17 87 · 17
26 27 28 29 30 31	98·42 98·42 98·42 99·67 99·17	97.00 96.84 96.67 96.50 96.34 96.17	93.00 93.00 92.92 92.92 92.92	99 · 50 90 · 42 90 · 34 90 · 25 90 · 17 90 · 00	88-09 88-00 88-00 88-00 87-92 87-92	87-17 87-17 87-09 87-09 87-00	86 · 67 86 · 67 86 · 59 86 · 50 86 · 50 86 · 50	87-67 87-67 87-59 87-59 87-59	89·17 89·17 89·17 89·17 89·17 89·17	96-17	92·67 93·17 93·17	86·17 86·17 86·17 86·17 86·17 86·17

ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1886-87.

				-						TA	BLE N	378.
1	86·17 86·67 87·17 87·67 88·17	98.84 98.67 98.42 98.17 97.92	$\begin{array}{c} 92 \cdot 34 \\ 92 \cdot 17 \\ 92 \cdot 00 \\ 91 \cdot 92 \\ 91 \cdot 84 \end{array}$	90·09 90·00 89·92 89·84 89·75	88-75 88-67 88-67 88-67 88-59	86-75, 86-84 86-84 86-84 86-75	87·00 87·17 87·25 87·25 87·17	87 · 84 87 · 75 87 · 67 87 · 59 87 · 50	87 · 59 87 · 59 87 · 59 87 · 67 87 · 67	90·17 90·17 90·17 90·42 90·42	95 · 67 96 · 17 96 · 42 96 · 67 97 · 00	97·17 97·67 97·92 98·17 98·67
6	88·67 89·17 89·67 99·17 90·67	97.67 97.42 97.17 96.92 96.67	91·75 91·67 91·59 91·50 91·42	89 · 67 89 · 59 89 · 50 89 · 42 89 · 34	88 · 50 88 · 42 88 · 34 88 · 17 88 · 00	86·75 86·75 86·75 86·75 86·67	87 · 17 87 · 09 87 · 09 87 · 09 87 · 09	87 · 42 87 · 34 87 · 25 87 · 25 87 · 25	87 · 67 87 · 67 87 · 67 87 · 92 87 · 92	90·42 90·67 90·67 90·67 90·67	97 · 17 97 · 17 92 · 17 92 · 17 92 · 17	99·17 99·17 99·17 99·17 99·17
11	91-17 91-67 92-17 92-67 93-17	96·42 96·17 95·92 95·67 95·42	91·34 91·25 91·25 91·25 91·25	89·34 89·17 89·00 88·67 88·92	87 · 84 87 · 75 87 · 75 87 · 67 87 · 67	86-67 86-67 86-67 86-67 86-42	87·09 87·09 87·09 87·09 87·25	87 · 25 87 · 25 87 · 09 87 · 00 87 · 00	88 · 17 88 · 17 88 · 17 88 · 17 88 · 17	90·67 90·67 90·92 90·92 91·17	92·17 93·17 93·67 94·17 94·67	98-92 98-67 98-67 98-17 98-17
16	93 · 67 94 · 67 96 · 17 98 · 17 97 · 67	95·17 95·00 94·84 94·67 94·42	91·34: 91·42: 91·50 91·50 91·42	89-09 89-09 89-09 89-09 89-09	87-59 87-59 87-50 87-42 87-34	86 · 42 86 · 59 86 · 59 86 · 59	87 · 25 87 · 25 87 · 25 87 · 25 87 · 25 87 · 34	87·00 87·09 87·17 87·17 87·25	88·17 88·17 88·67 88·92 89·17	91·17 91·17 91·67 91·67 91·67	94 · 67 94 · 92 95 · 17 95 · 67 95 · 67	97 · 67 97 · 67 96 · 17 96 · 17 92 · 17
21 22 23 23 24 25	98-92	94·17 93·84 93·50 93·17 93·00	91·34 91·25 91·17 91·09 90·92	89·09 89·09 89·00 89·00 89·00	87 · 25 87 · 17 87 · 00 86 · 92 86 · 92	86 · 59 86 · 59 86 · 59 86 · 67 86 · 67	87-42 87-50 87-59 87-67 87-75	87·34 87·42 87·50 87·50 87·50	89 · 17 89 · 17 89 · 17 89 · 17 89 · 17 89 · 67	$92 \cdot 17$ $92 \cdot 17$ $92 \cdot 42$ $92 \cdot 67$ $92 \cdot 92$	95 · 92 96 · 17 96 · 17 96 · 42 96 · 67	92·17 92·17 92·17 92·17 92·17 92·67
26	99·17 99·17 99·17 99·17 99·17	92 · 84 92 · 84 92 · 67 92 · 59 92 · 59 92 · 50	90·84 90·67 90·50 90·34 90·17	89·00 88·92 88·92 88·84 88·84 88·75	86 · 84 86 · 84 86 · 75 86 · 75 86 · 67 86 · 67	86·75 86·67 86·75 86·75 86·84	87 · 75 87 · 84 87 · 84 87 · 92 87 · 92 87 · 92	87·50 87·50 87·50 87·50 87·50	90·00 90·17 90·17 90·17 90·17 90·17	94 - 67	96·92 97·17 97·17	92 · 92 93 · 17 93 · 17 93 · 17 93 · 67 93 · 67

6 GEORGE V, A. 1915

ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1887–88.

										12	BLE N	0. 019.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5		96·67 96·84 97·00 97·17 97·42	94·17 94·00 93·92 93·84 93·67	89-00 88-92 88-84 88-75 88-67	87·17 87·00 86·84 86·75 86·67	85·34 85·34 85·34 85·25 85·25	84·42 84·42 84·42 84·42 84·42	84·67 84·67 84·67 84·67 84·67	84·75 85·00 85·09 85·17 85·25	88-17 88-17 88-17 88-17 88-42	92·17 92·42 92·67 92·92 92·92	92·17 92·17 92·17 92·67 92·67 92·92
6		97 · 92 98 · 42 98 · 92 99 · 34 99 · 67	93·42 93·17 93·00 92·84 92·75	88-59 88-50 88-42 88-34 88-34	86·67 86·67 86·59 86·59 86·59	85·25 85·17 85·17 85·09 85·09	84·42 84·42 84·42 84·42 84·42	84 · 67 84 · 67 84 · 67 84 · 67 84 · 67	85-34 85-50 85-67 85-75 85-84	88-67 88-92 88-92 88-92 88-92	92 · 92 92 · 92 92 · 92 93 · 17 93 · 67	92·92 92·92 92·17 91·67
11		99·84 99·92 99·92 99·92 99·84	92.59 92.42 92.34 92.17 91.92	88-34 88-34 88-34 88-34	86·50 86·50 86·42 86·34 86·25	85·00 85·00 84·92 84·92 84·92	84·42 84·42 84·42 84·42 84·42	84 · 67 84 · 67 84 · 67 84 · 67 84 · 67	86-00 86-00 86-00 86-00 86-17	88 · 92 89 · 17 89 · 42 89 · 67 89 · 67	93 · 67 94 · 17 94 · 17 94 · 17 94 · 42	91·17 90·17 89·17 89·17 88·17
16. 17. 18. 19.		99·67 99·34 99·00 98·67 98·17	91 · 67 91 · 42 91 · 17 91 · 00 90 · 84	88·34 88·34 88·34 88·34 88·25	86·17 86·17 86·09 86·00 85·92	84 · 92 84 · 92 84 · 84 84 · 84 84 · 84	84 · 42 84 · 42 84 · 50 84 · 50 84 · 50	84·67 84·75 84·75 84·75 84·75	86·34 86·50 86·50 86·50 86·50	89·67 89·67 89·67 90·17 90·42	$94 \cdot 67$ $94 \cdot 67$ $94 \cdot 67$ $92 \cdot 17$ $92 \cdot 17$	88·17 87·67 87·67 87·67 87·67
21 22 23 24 25		97-67 97-17 96-67 96-17 95-67	90·67 90·50 90·34 90·17 90·00	88·17 88·09 88·00 87·92 87·84	85 · 84 85 · 75 85 · 59 85 · 59 85 · 50	84 · 84 84 · 75 84 · 75 84 · 67 84 · 67	84 · 50 84 · 50 84 · 50 84 · 67 84 · 67	84·75 84·75 84·75 84·75 84·75	86-50 86-67 86-84 86-84 86-84	90·42 90·42 90·67 90·92 90·92	92·17 92·67 93·17 93·67 94·17	87.84 88.00 88.00 88.17 88.17
26		95·17 95·00 94·84 94·67 94·50 94·34	89·84 89·67 89·59 89·34 89·17	87 · 75 87 · 67 87 · 50 87 · 59 87 · 42 87 · 34	85·50 85·42 85·42 85·42 85·34 85·34	84 · 59 84 · 50 84 · 50 84 · 42 84 · 42	84·50 84·59 84·59 84·59 84·67	84·75 84·84 84·92 84·92 84·92	87·00 87·17 87·34 87·50 87·67 87·92	91·17 91·42 91·67 91·92 92·17 92·17	94-67 95-67 92-17 92-17	88·17 88·17 88·25 88·34 88·34 88·42

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1888-89.

ELEVATIO	1115 an	016 11		01 01	oawa.	Itivei .	at 110	wer er	TCH VIII		BLE No	
1	88·42 88·50 88·59 88·67 88·75	89·67 90·42 91·17 91·67 92·17	96·59 96·42 96·34 96·25 96·17	$93 \cdot 34$ $93 \cdot 00$ $92 \cdot 84$ $92 \cdot 50$ $92 \cdot 17$	88-09 87-92 87-75 87-67 87-50	86·50 86·50 86·42 86·42 86·34	86·17 86·09 86·09 86·00 86·00	85 · 84 85 · 92 86 · 00 86 · 17 86 · 34	87 · 75 87 · 75 87 · 75 87 · 75 87 · 75	88-67 88-67 88-92 88-92 88-92	90·92 90·92 90·92 90·92 90·92	88·17 87·17 87·17 86·17 86·17
6 7 8 9	88-84 88-67 88-67 88-67 88-67	$\begin{array}{c} 92 \cdot 42 \\ 92 \cdot 67 \\ 92 \cdot 84 \\ 93 \cdot 00 \\ 93 \cdot 17 \end{array}$	96 · 00 95 · 84 95 · 67 95 · 42 95 · 17	91 · 84 91 · 50 91 · 17 90 · 84 90 · 50	87·34 87·25 87·17 87·09 87·00	86-34 86-25 86-17 86-09 86-09	86 · 00 85 · 92 85 · 92 85 · 84 85 · 84	86-50 86-67 86-84 87-17 88-67	87 · 75 87 · 67 87 · 59 87 · 42 87 · 42	89·17 89·42 89·67 89·92 89·92	90·92 90·92 91·17 91·17 91·42	86·17 86·17 86·17 86·17 86·17
11 12 13 14 15	88-67 88-67 88-67 88-67 88-67	$93 \cdot 42$ $94 \cdot 17$ $95 \cdot 17$ $95 \cdot 92$ $96 \cdot 67$	95·00 94·84 94·84 94·84 95·00	90·34 90·17 90·00 89·84 89·67	86-92 86-92 86-84 86-75 86-67	86·00 86·00 85·92 85·84 85·67	85 · 84 85 · 75 85 · 75 85 · 75 85 · 67	89·17 89·42 89·17 88·92 88·75	87-42 87-67 88-67 89-67 90-67	$89 \cdot 92$ $90 \cdot 42$ $90 \cdot 42$ $90 \cdot 42$ $90 \cdot 67$	91 · 67 91 · 67 91 · 92 91 · 92 91 · 92	86 · 17 86 · 17 86 · 17 86 · 17 86 · 17
16 17 18 19 20	88-67 88-67 88-67 88-67 88-67	97·42 97·92 98·42 98·67 98·84	95·17 95·34 95·42 95·50 95·50	89·50 89·42 89·34 89·25 89·17	86·59 86·59 86·59 86·50 86·42	85 · 67 85 · 75 85 · 84 86 · 00 86 · 09	85 · 67 85 · 67 85 · 67 85 · 59 85 · 59	88-67 88-59 88-50 88-42 88-34	89 · 67 88 · 67 88 · 17 87 · 67 87 · 67	90·67 90·67 90·92 90·92 90·92	$\begin{array}{c} 91 \cdot 92 \\ 92 \cdot 17 \end{array}$	86 · 17 86 · 17 86 · 17 86 · 17 86 · 17
21 22 23 24 25	88-67 88-75 88-75 88-42 88-42	99.00 99.00 98.84 98.67 98.42	95 · 34 95 · 25 95 · 00 94 · 84 94 · 67	89·09 89·00 88·92 88·84 88·75	86-34 86-25 86-17 86-09 86-09	86·17 86·17 86·25 86·25 86·25	85·59 85·59 85·59 85·50 85·50	88-17 87-92 87-67 87-42 87-42	87·92 87·92 87·92 88·00 88·00	90 · 92 90 · 92 90 · 92 90 · 67 90 · 67	$\begin{array}{c} 92 \cdot 17 \\ 91 \cdot 67 \end{array}$	86 · 42 86 · 67 86 · 92 87 · 17 87 · 42
26 27 28 29 30 31	88·59 88·75 88·92 88·92 89·00	$98 \cdot 17$ $97 \cdot 92$ $97 \cdot 67$ $97 \cdot 42$ $97 \cdot 09$ $96 \cdot 75$	94 · 42 94 · 17 94 · 00 93 · 84 93 · 67	88·67 88·59 88·50 88·42 88·34 88·25	86·17 86·34 86·42 86·42 86·42 86·42	86·25 86·17 86·17 86·17 -86·17	85 · 50 85 · 59 85 · 67 85 · 75 85 · 75 85 · 84	87-50 87-50 87-59 87-67 87-75	88-17 88-17 88-17 88-42 88-67 88-67	90·67 90·92 90·92 90·92 90·92 10·92	91 · 67 91 · 17 91 · 17	87 · 42 87 · 42 87 · 42 87 · 42 87 · 34 87 · 34

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1889-90.

TABLE No. 381.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	87·17 87·17 87·17 87·17 87·17	94·17 94·50 94·67 94·84 94·84	91·50 92·17 92·84 93·50 94·17	93·17 93·00 92·92 92·84 92·67	89·75 89·67 89·59 89·50 89·42	87·50 87·42 87·34 87·17 87·09	85·92 85·92 85·92 85·92 85·92	85·67 85·67 85·67 85·67 85·67		90·67 90·67 90·67 90·67 90·92	93·17 93·67 93·67 93·67 94·17	91·17 90·17 90·17 90·17 90·17
6 7 8 9 10	87 · 67 87 · 92 88 · 17 88 · 42 88 · 67	94 · 75 94 · 59 94 · 42 94 · 25 94 · 00	94 · 67 94 · 92 95 · 17 95 · 42 95 · 67	92·50 92·25 92·00 91·84 91·75	89 · 25 89 · 09 88 · 92 88 · 75 88 · 59	87-09 87-00 87-00 86-92 86-92	85-92 85-92 86-00 86-09 86-09	85 · 67 85 · 67 85 · 67 85 · 67 85 · 67		91·17 91·67 92·17 92·67 93·17	94·17 94·17 94·17 94·17 92·17	89 · 67 89 · 67 89 · 17 89 · 17 89 · 17
11 12 13 14 15	88-67 88-75 88-84 88-92 88-92	93 · 84 93 · 67 93 · 50 93 · 34 93 · 17	95 · 67 95 · 42 94 · 92 94 · 67 94 · 50	91 · 67 91 · 59 91 · 50 91 · 42 91 · 34	88 · 42 88 · 34 88 · 25 88 · 17 88 · 17	86 · 84 86 · 75 86 · 67 86 · 59 86 · 50	86·09 86·09 86·09 86·09	85 · 67 85 · 67 85 · 67 85 · 67 85 · 67		93 · 67 93 · 92 93 · 17 93 · 17 93 · 67	92·17 92·17 92·17 92·67 93·17	89·17 89·17 89·17 89·17 89·17
16	88-92 88-92 89-00 89-17 89-42	93·00 92·84 92·67 92·50 92·34	94 · 50 94 · 34 93 · 17 94 · 00 93 · 84	91 · 25 91 · 17 91 · 09 91 · 00 90 · 92	88·17 88·09 88·09 88·00 88·00	86·42 86·34 86·34 86·34 86·25	86·09 86·09 86·09 86·00 85·92	85·75 85·75 85·75 85·75 85·84		94·17 94·67 95·17 95·17 95·67	93 · 67 93 · 67 93 · 67 94 · 17 94 · 17	89·17 89·17 89·17 89·17 88·67
21 22 23 24 25	89·67 89·92 90·17 90·67 91·17	92·17 92·00 91·75 91·50 91·42	93.67 93.50 93.42 93.34 93.25	90·84 90·75 90·67 90·59 90·50	88 · 00 87 · 92 87 · 92 87 · 92 87 · 92	86 · 25 86 · 17 86 · 17 86 · 09 86 · 09	85 · 92 85 · 92 85 · 84 85 · 84 85 · 84	86·09 86·50 86·67 86·75 86·84		95.67 95.67 94.17 93.17 92.17	94·17 94·17 93·17 93·17 93·17	88-67 88-67 88-67 88-17 88-17
26 27 28 29 39 31	91-67 92-17 92-67 93-17 93-67	91·34 91·34 91·34 91·25 91·17 91·09	93·34 93·42 93·42 93·34 93·25	90·34 90·17 90·09 90·00 89·92 89·84	87 · 84 87 · 75 87 · 75 87 · 75 87 · 67 87 · 67	86·09 86·00 86·00 85·92 85·92	85·75 85·75 85·75 85·75 85·75 85·75	86 · 84 86 · 84 86 · 84 86 · 84 86 · 84		92·17 92·17 92·67 92·67 92·67 92·67	93·17 93·17 93·17	88·17 88·17 88·17 88·17 88·17 88·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1890-91.

									TA	BLE No	. 382.
1 2 3 4 5	88-67 88-92 89-17	93·67 93·84 94·00 94·17 94·50 97·09 97·25 97·34 97·42 97·34	93 · 92 93 · 67 93 · 42 93 · 17 93 · 00	89-17 89-09 89-09 89-00 89-00	88-25 88-34 88-34 88-42 88-50	87 · 17 87 · 17 87 · 17 87 · 17 87 · 17 87 · 09	86·59 86·59 86·59 86·59 86·59	86 · 84 86 · 84 86 · 84 86 · 92 87 · 00	88 · 84 88 · 92 89 · 00 89 · 17 89 · 34	$90 \cdot 67$ $90 \cdot 42$ $91 \cdot 17$ $91 \cdot 42$ $91 \cdot 67$	92·67 92·17 91·17 90·17 90·17
6	89 · 92 90 · 42 90 · 92	94·84 97·17 95·17 96·92 95·50 96·67 95·84 96·50 95·92 96·34	92·84 92·67 92·50 92·34 92·17	88-92 88-84 88-75 88-67 88-59	88-59 88-59 88-59 88-50 88-50	87-09 87-09 87-09 87-09 87-00	86·59 86·59 86·59 86·67 86·84	87-09 87-17 87-17 87-17 87-17	89 · 50 89 · 67 89 · 67 89 · 67 89 · 67	91 · 92 92 · 17 92 · 42 92 · 67 92 · 67	90·17 90·17 90·17 90·17 90·17
11 12 13 14 15	92·00 92·50 93·00	$\begin{array}{cccc} 95 \cdot 92 & 96 \cdot 34 \\ 96 \cdot 00 & 96 \cdot 42 \\ 96 \cdot 00 & 96 \cdot 50 \\ 96 \cdot 00 & 96 \cdot 59 \\ 95 \cdot 92 & 96 \cdot 67 \end{array}$	92·00 91·84 91·67 91·50 91·34	88 · 50 88 · 42 88 · 42 88 · 42 88 · 34	88 · 42 88 · 42 88 · 42 88 · 34 88 · 34	87·00 86·92 86·84 86·84 86·92	86-92 86-92 86-84 86-75 86-67	87·17 87·34 87·50 87·67 87·84	89·75 89·84 90·00 90·17 90·17	92·92 92·92 93·17 93·42 93·42	90·17 90·17 90·17 90·17 90·17
16 17 18 19 20	93 · 75 93 · 67 93 · 67	95.75 96.75 95.59 96.75 95.50 96.84 95.50 96.67 95.50 96.42	91 · 17 91 · 00 90 · 67 90 · 50 90 · 34	88 · 34 88 · 25 88 · 25 88 · 17 88 · 17	88 · 25 88 · 17 88 · 09 88 · 00 87 · 92	87-00 87-09 87-17 87-17 87-17	86 · 67 86 · 67 86 · 75 86 · 84 86 · 84	88.00 88.00 88.00 88.17 88.17	90·17 90·25 90·34 90·42 90·42	93 · 67 93 · 67 93 · 67 93 · 92 93 · 92	90 · 67 90 · 92 91 · 17 91 · 17 91 · 67
21. 22 23 24 25	93·59 93·42 93·34	95.67 96.17 95.84 96.00 96.00 95.84 96.09 95.67 96.17 95.42	90·17 90·00 89·92 89·84 89·75	88·34 88·30 88·50 88·50 88·50	87 · 84 87 · 67 87 · 59 87 · 50 87 · 42	87-09 87-09 87-09 87-00 87-00	86-84 86-84 86-84 86-84	88-34 88-50 88-50 88-50 88-50	90 · 42 90 · 50 90 · 67 90 · 67 90 · 67	93·92 93·67 93·67 93·42 93·17	$\begin{array}{c} 92 \cdot 17 \\ 92 \cdot 67 \\ 92 \cdot 92 \\ 92 \cdot 92 \\ 92 \cdot 92 \end{array}$
26 27 28 29 30 31	93 · 50 93 · 59 93 · 59 93 · 59	96·25 95·17 96·42 94·92 96·59 94·67 96·75 94·42 96·84 94·17 96·92	89·67 89·67 89·59 89·50 89·42 89·34	88 · 42 88 · 42 88 · 34 88 · 25 88 · 17 88 · 17	87-34 87-17 87-17 87-17 87-17	86-92 86-84 86-75 86-67 86-67 86-59	86 · 84 86 · 84 86 · 84 86 · 84 86 · 84	88-67 88-75 88-84 88-84 88-84 88-84		92 · 67 92 · 67 92 · 67	92 · 92 92 · 92 93 · 09 93 · 09 93 · 17 93 · 17

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1891-92.

TABLE No. 383.

										-2.7		
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	92·67 92·17 92·09 91·92 91·67	97·17 97·17 97·17 97·42 97·42	92·84 92·59 92·34 92·17 92·00	88-42 88-34 88-25 88-17 88-17	89·17 89·17 89·17 89·09 89·00	87.67 87.59 87.59 87.59 87.59	86·50 86·42 86·34 86·25 86·17	86·42 86·42 86·34 86·34 86·25	90·50 90·50 90·50 90·50 90·50	89·17 89·67 90·17 90·67 91·17	91 · 17 91 · 17 91 · 17 90 · 67 90 · 17	89-67 89-67 89-92 89-92 90-17
6	91·42 91·17 90·92 90·67 90·50	97·17 97·17 97·17 97·17 96·92	91·75 91·50 91·34 91·17 91·00	88-17 88-09 88-09 88-00 87-92	88-92 88-84 88-67 88-50 88-34	87·50 87·50 87·42 87·42 87·42	86·17 86·17 86·25 86·34 86·50	86·17 86·17 86·17 86·09 86·09	90·50 90·42 90·34 90·25 90·17	91.67 91.84 91.92 91.92 92.17	90·17 90·17 89·67 89·17 88·67	90 · 1 90 · 6 90 · 6 90 · 6 90 · 6
1	90 · 67 91 · 17 91 · 42 91 · 67 91 · 92	96-67 96-42 96-17 96-00 95-84	90·84 90·67 90·50 90·34 90·17	87 · 84 87 · 75 87 · 67 87 · 67 87 · 67	88-17 87-92 87-67 87-50 87-50	87-34 87-34 87-34 87-34 87-25	86·59 86·67 86·75 86·84 86·84	86·09 86·09 86·09 86·09 86·09	90·09 90·00 89·84 89·75 89·67	$92 \cdot 17$	88 · 67 88 · 17 88 · 17 88 · 17 88 · 17	90 · 4: 90 · 1: 89 · 6: 89 · 4: 89 · 1:
6	92·17 92·67 93·17 93·67 94·17	95 · 67 95 · 50 95 · 42 95 · 34 95 · 17	90-00 89-84 89-75 89-67 89-59	87-67 87-67 87-67 87-92 88-17	87 · 50 87 · 50 87 · 50 87 · 59 87 · 75	87·25 87·25 87·17 87·17 87·17	86 · 84 86 · 75 86 · 75 86 · 67 86 · 67	86·17 86·34 86·50 86·67 86·84	89 · 59 89 · 59 89 · 59 89 · 50	92·17 92·17 92·17 92·17 92·17	88-17 88-17 88-17 88-17 88-17	89·1 89·1 89·1 89·1 89·1
1	94.67 95.17 95.50 95.84 96.17	95.00 94.84 94.67 94.50 94.34	89 · 50 89 · 42 89 · 34 89 · 25 89 · 17	88-34 88-50 88-59 88-67 88-75	87·75 87·75 87·84 87·84 87·84	87.09 87.09 87.00 87.00 86.92	86-67 86-59 86-59 86-59 86-50	87·17 87·67 88·17 89·00 89·50	89 · 42 89 · 42 89 · 34 89 · 34 89 · 25	92 · 17 92 · 17 92 · 17 92 · 17 92 · 17 92 · 17	88 · 17 88 · 67 88 · 67 88 · 92 89 · 17	89-1 88-1 88-1 88-1 88-1
6	96·50 96·84 97·00 97·17 97·17	94·17 93·92 93·67 93·42 93·17 93·00	89·09 89·00 88·84 88·67 88·50	88 · 84 88 · 92 89 · 00 89 · 00 89 · 00 89 · 00	87-75 87-75 87-67 87-67 87-67 87-67	86 · 84 86 · 75 86 · 67 86 · 59 86 · 59	86·50 86·50 86·50 86·50 86·50 86·50	89·84 90·17 90·34 90·42 90·50	89 · 25 89 · 17 89 · 17 89 · 09 89 · 00 89 · 00	92·17 91·92 91·67 91·17 91·17 91·17	89-17 89-67 89-67 89-67	87 · 1' 87 · 1' 87 · 1' 87 · 1' 87 · 1' 87 · 1'

ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1892-93.

TABLE No. 384.

									17	BLE NO	. 384.
1 2 3 4 5	87 · 67 88 · 17 88 · 67 89 · 67 90 · 67	89·67 89·84 90·00 90·17 90·34	90·50 90·50 90·50 90·50 90·50	$91 \cdot 42$ $91 \cdot 42$ $91 \cdot 42$ $91 \cdot 34$ $91 \cdot 17$	87·75 87·75 87·67 87·67 87·59	87 · 84 87 · 59 87 · 34 87 · 09 86 · 84	87·17 87·17 87·17 87·17 87·17	86·59 86·67 86·67 86·67 86·67	89·50 89·50 89·17 89·17 88·92	95-67 96-17 96-17 97-17 98-17	98-17 98-67 98-67 99-17 99-17
6 7 8 9 10	$91 \cdot 67$ $92 \cdot 42$ $92 \cdot 42$ $92 \cdot 67$ $92 \cdot 67$	90 · 42 90 · 50 90 · 59 90 · 67 90 · 67	90·59 90·59 90·59 90·67 90·67	90·92 90·67 90·42 90·17 89·92	87.59 87.59 87.50 87.50 87.50	86.75 86.67 86.59 86.50 86.50	87·17 87·17 87·09 87·09 87·00	86·59 86·59 86·50 86·50 86·50	88-92 88-92 83-67 88-67	98-67 98-67 98-67 98-67 98-67	98-67 98-67 98-17 98-17 97-17
11	92·17 92·17 91·17 90·67 90·50	90.67 90.67 90.67 90.59 90.59	90·59 90·50 90·50 90·42 90·42	89 · 67 89 · 42 89 · 17 89 · 00 88 · 84	87·50 87·84 88·00 88·09 88·17	86 · 50 86 · 42 86 · 42 86 · 42 86 · 34	87-00 87-00 87-00 87-00 87-00	86·59 86·67 86·84 87·00 87·17	88-17 88-17 88-17 87-92 87-92	96 · 17 96 · 17 95 · 17 95 · 17 95 · 67	97·17 96·17 95·17 95·17 95·17
16. 17. 18. 19.	90·34 90·17 90·00 89·84 89·67	90·50 90·50 90·50 90·50 90·50	90·34 90·34 90·42 90·59 90·67	88-67 88-50 88-34 88-25 88-17	88·25 88·34 88·34 88·42 88·42	86-34 86-34 86-34 86-42 86-59	86.92 86.84 86.75 86.75 86.67	87-42 87-67 88-17 88-92 89-42	87-92 88-17 88-67 88-67 88-67	96·17 96·67 96·67 96·92 97·17	$95 \cdot 17$ $94 \cdot 17$ $94 \cdot 17$ $94 \cdot 17$ $94 \cdot 17$ $93 \cdot 17$
21	89·50 89·17 89·17 89·17 89·17	90·50 90·59 90·75 90·84 90·84	90.67 90.67 90.67 90.92 91.17	88-09 88-00 88-00 87-92 87-92	88-34 88-17 88-09 88-09 88-09	86.75 86.84 86.92 87.00 87.09	86 · 67 86 · 67 86 · 59 86 · 59 86 · 50	89 · 67 89 · 84 89 · 92 90 · 00 89 · 92	89·17 89·67 90·17 90·67 91·67	97·42 97·92 98·67 98·67 98·67	$93 \cdot 17$ $93 \cdot 17$ $93 \cdot 17$ $92 \cdot 17$ $92 \cdot 17$
26	89·34 89·50 89·50 89·50 89·50	90·67 90·67 90·50 90·50 90·50 90·50	91·34 91·50 91·50 91·50 91·50	87-84 87-84 87-84 87-84 87-84 87-84	88-00 88-00 88-00 88-00 88-00 88-00	87·17 87·34 87·34 87·17 87·17	86·50 86·42 86·50 86·50 86·59 86·59	89-84 89-75 89-67 89-59 89-50	91-67 91-17 91-17 90-17 90-17 90-17 89-67	98-67 98-67 98-17	$\begin{array}{c} 92 \cdot 17 \\ 92 \cdot 17 \end{array}$

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1893-94.

TABLE No. 385.

											DLE A	0. 000.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	92·17 91·67 91·67 91·67 91·17	91 · 42 91 · 67 92 · 67 93 · 67 95 · 42	97 · 92 97 · 67 97 · 42 97 · 17 96 · 92	92 · 17 92 · 00 91 · 84 91 · 67 91 · 67	88.75 88.67 88.59 88.59 88.59	89·17 88·84 88·42 88·00 87·84	86 · 67 86 · 67 86 · 67 86 · 67 86 · 75	87 · 92 87 · 92 87 · 84 87 · 84 87 · 75	87-42 87-50 87-50 87-59 87-59	89·17 89·17 89·67 89·92 90·17	91 · 67 91 · 92 91 · 92 92 · 17 92 · 17	96·17 96·17
6	91·17 90·67 90·17 90·17 90·67	95·67 95·84 96·00 96·17 96·25	96 · 84 96 · 75 96 · 67 96 · 67 96 · 67	91·59 91·59 91·50 91·34 91·17	88-59 88-67 88-75 88-75 88-75	87 · 75 87 · 67 87 · 59 87 · 50 87 · 42	86.75 86.84 86.84 86.84 86.84	87·75 87·75 87·67 87·67 87·67	87.67 87.67 87.92 88.17 88.67	90·17 90·17 90·17 90·67 91·17	92·42 92·42 92·67 92·92 93·17	94·17 94·17
11	90.92 91.17 91.17 91.17 90.67	96·34 96·42 96·50 96·67 96·75	96 · 50 96 · 34 96 · 17 95 · 92 95 · 67	91·00 93·67 90·50 90·34 90·17	88-67 88-59 88-50 88-42 88-34	87.34 87.25 87.09 86.92 86.84	86 · 84 86 · 92 86 · 92 86 · 92 87 · 00	87 · 67 87 · 59 87 · 59 87 · 50 87 · 50	88 · 92 89 · 17 89 · 67 90 · 17 90 · 67	91 · 67 92 · 17 92 · 67 92 · 92 93 · 17	93 · 67 94 · 17 94 · 67 94 · 92 95 · 17	93·17 93·17
16	90 · 67 90 · 50 90 · 50 90 · 67 90 · 92	97 · 67 97 · 92 98 · 92 99 · 67 99 · 92	95·42 95·17 94·92 94·67 94·42	90·17 90·00 89·84 89·67 89·59	88-25 88-17 88-09 88-00 87-92	86 · 84 86 · 92 86 · 92 86 · 92 86 · 84	87-00 87-00 87-09 87-09 87-17	87 · 42 87 · 34 87 · 25 87 · 17 87 · 17	91 · 17 91 · 17 91 · 17 90 · 67 90 · 17	93·17 93·17 93·17 93·17 92·17	95·17 95·17 95·17 95·67 95·92	92·17 92·17
21	$91 \cdot 42$ $91 \cdot 67$ $92 \cdot 17$ $92 \cdot 42$ $92 \cdot 17$	100 · 17 100 · 17 100 · 09 99 · 92 99 · 67	94 · 17 93 · 92 93 · 67 93 · 42 93 · 17	89·50 89·42 89·42 89·34 89·34	87 · 84 87 · 75 87 · 67 87 · 59 87 · 50	86 · 84 86 · 84 86 · 75 86 · 75 86 · 75	87 · 25 87 · 34 87 · 42 87 · 50 87 · 59	87·17 87·17 87·17 87·17 87·17	89·67 89·67 89·67 89·67 89·17	90·17 90·17 90·17 90·17 90·17	96·17 96·17 96·50 96·84 97·00	91 - 17
26	91 · 67 91 · 67 91 · 42 91 · 17 91 · 17	99·42 99·17 98·92 98·67 98·42 98·17	92 · 92 92 · 84 92 · 67 92 · 50 92 · 34	89·25 89·17 89·09 80·00 88·92 88·84	87 · 42 87 · 42 87 · 42 88 · 00 89 · 67 89 · 50	86-67 86-67 86-67 86-67	87-67 87-75 87-84 87-84 87-92 87-92	87·17 87·17 87·25 87·34 87·42	89·17 89·17 89·17 89·17 89·17 89·17	90·67 90·67 91·17 91·17 91·67 91·67	97·00 97·00 96·84	

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1894-95.

										TA	BLE 38	6.
1 2 3 4 5	90 · 17 90 · 42 90 · 42 90 · 42 90 · 17	97·59 97·59 97·50 97·50 97·50	93 · 67 93 · 84 94 · 00 93 · 92 93 · 84	91·50 91·34 91·17 91·00 90·92	87-84 87-75 87-67 87-59 87-50	85·92 85·84 85·84 85·75 85·75	86.00 86.00 86.09 88.09 88.17	88 · 17 88 · 25 88 · 34 88 · 50 88 · 59	88 · 42 88 · 42 88 · 17 88 · 17 83 · 17	90·17 90·17 90·34 90·50 90·67	92.84 92.84 93.00 93.17 93.42	94 · 17 94 · 67 94 · 67 91 · 67 91 · 67
6 7 8 9	90·00 89·84 89·84 89·67 89·50	97·50 97·59 97·59 97·50 97·42	93·75 93·67 93·50 93·34 93·17	93.92 91.00 91.00 91.00 91.92	$\begin{array}{c} 87 \cdot 50 \\ 87 \cdot 34 \\ 87 \cdot 17 \\ 87 \cdot 00 \\ 86 \cdot 92 \end{array}$	85-67 85-67 85-67 85-59 85-59	86·17 86·17 86·25 86·34 86·34	88 · 59 88 · 59 88 · 67 88 · 67 88 · 67	88·17 88·17 88·09 88·00 87·92	$\begin{array}{c} 90 \cdot 84 \\ 91 \cdot 00 \\ 91 \cdot 00 \\ 91 \cdot 00 \\ 91 \cdot 00 \end{array}$	93-67 93-67 93-67 94-17 94-17	94·17 94·17 93·17 92·17 92·17
11	89·50 89·59 89·67 89·92 90·17	97·17 97·00 96·84 96·67 96·50	93·00 92·75 92·50 92·34 92·17	99.84 99.67 90.50 90.34 90.17	86 · 92 86 · 84 86 · 84 86 · 75 86 · 75	85·50 85·50 85·42 85·42 85·50	86·34 86·42 86·42 86·59 86·75	88-67 88-75 88-84 88-84 88-75	87-92 87-84 87-84 87-84 87-67	91·17 91·50 91·84 92·17 92·17	94·17 94·67 94·67 94·67 94·67	$\begin{array}{c} 92 \cdot 17 \\ 92 \cdot 17 \end{array}$
16	90 · 42 90 · 67 99 · 92 91 · 17 91 · 67	96·34 96·17 96·00 95·92 95·67	92.00 91.84 91.67 91.84 92.00	90.00 89.84 89.67 89.50 89.34	86·75 86·67 86·59 86·59 86·50	85·59 85·67 85·67 85·67 85·75	86 · 84 86 · 92 87 · 00 87 · 17 87 · 42	88 · 75 88 · 75 88 · 75 88 · 67 88 · 67	87-67 87-67 87-67 87-67 87-67	92·17 92·17 91·92 91·67 91·67	$\begin{array}{c} 94 \cdot 92 \\ 94 \cdot 92 \\ 95 \cdot 17 \\ 95 \cdot 17 \\ 94 \cdot 92 \end{array}$	92·17 90·17 90·17 90·17 90·17
21	92·50 93·34 94·17 94·92 95·67	95·42 95·17 94·92 94·67 94·42	92·17 92·50 92·67 92·50 92·34	89·17 89·00 88·84 88·67 88·50	86·50 86·42 86·42 86·42	85·75 85·75 85·75 85·84 85·84	87-67 87-84 88-09 88-25 88-25	88·50 88·42 88·34 88·25 88·25	87-67 87-67 87-92 88-42 88-92	91 · 67 91 · 92 92 · 17 92 · 17 92 · 17	94-67 94-67 95-17 95-17 95-17	90·17 89·17 89·17 89·17 89·17
26	96 · 17 96 · 67 97 · 00 97 · 34 97 · 50	94·17 94·00 93·84 93·84 93·67 93·50	92·17 92·00 91·92 91·84 91·67	88-34 88-17 88-00 88-00 87-92 87-92	86-34 86-25 86-17 86-09 86-00 85-92	85 · 84 85 · 92 85 · 92 85 · 92 85 · 92	88-25 88-17 88-17 88-09 88-09 88-09	88 · 25 88 · 25 88 · 34 88 · 42 88 · 42	89·67 90·17 90·42 90·42 90·42 90·42	92·34 92·50 92·50 92·67 92·84	94·67 94·67 94·17	89·17 89·17 89·17 89·17 89·17 89·17

6 GEORGE V, A. 1915

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1895-96.

TABLE No. 387.

6										1.7	IDLE A	0. 307.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oet.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	88·17 88·17 88·17 88·17 88·17	95·00 95·00 95·00 95·00 95·17	92·84 92·92 93·00 93·09 93·17	89·92 89·67 89·42 89·17 88·92	86·84 86·84 86·75 86·75 86·67	87·00 86·92 86·84 86·75 86·67	85-67 85-67 85-67 85-67 85-67	85·42 85·42 85·42 85·42 85·42 85·42	87·00 87·17 87·17 87·17 87·34	90·92 91·17 91·17 91·17 91·17	97·17 97·17 97·17 97·17 97·17	96·17 96·17 96·67 96·67 96·17
6 7 8	88 · 17 88 · 17 88 · 17 90 · 67 92 · 17	95.50 95.50 95.67 95.84 96.00	93·17 93·17 93·17 93·09 93·00	88-67 88-42 88-17 88-09 88-00	86 · 59 86 · 67 86 · 67 86 · 67	86 · 59 86 · 50 86 · 42 86 · 34 86 · 34	85-67 85-67 85-67 85-59 85-59	85·42 85·50 85·50 85·50 85·67	87·50 87·67 87·84 88·00 88·17	90·67 90·17 90·17 90·17 90·17	96 · 67 96 · 17 95 · 17 95 · 17 95 · 17	96·17 96·17 95·67 95·17 94·17
11 12 13 14 15	91 · 92 91 · 67 91 · 42 91 · 67 91 · 92	96·17 96·17 96·00 95·84 95·67	92 · 92 92 · 84 92 · 75 92 · 67 92 · 59	87 · 92 87 · 84 87 · 84 87 · 75 87 · 75	86·75 86·75 86·75 86·84 86·84	$86 \cdot 34$ $86 \cdot 34$ $86 \cdot 25$ $86 \cdot 25$ $86 \cdot 25$	85·59 85·59 85·50 85·50 85·50	85·75 85·92 86·00 86·09 86·17	88 · 17 88 · 17 88 · 17 88 · 17 87 · 67	90·42 90·67 90·67 90·92 90·92	95·67 96·17 96·17 96·67 97·17	94 · 17 93 · 67 93 · 67 93 · 67 93 · 17
16	92·17 92·42 92·67 92·84 93·00	95·42 95·25 95·17 94·92 94·67	92·50 92·42 92·34 92·25 92·17	87-67 87-67 87-59 87-59 87-50	86-84 86-84 86-84 86-84 86-92	86·17 86·17 86·17 86·09 86·09	85·50 85·50 85·50 85·50 85·50	86·25 86·25 86·25 86·25 86·34	87 · 17 87 · 17 86 · 67 86 · 67 86 · 84	90 · 92 91 · 17 91 · 17 91 · 67 92 · 17	97 · 67 97 · 67 97 · 67 96 · 67 96 · 67	93·17 92·17 91·17 91·17 90·17
21 22 23 24 25	93 · 17 93 · 42 93 · 67 93 · 92 94 · 17	94 · 42 94 · 17 93 · 92 93 · 67 93 · 42	$92 \cdot 00$ $91 \cdot 84$ $91 \cdot 67$ $91 \cdot 42$ $91 \cdot 17$	87 · 50 87 · 42 87 · 42 87 · 34 87 · 25	86 · 92 86 · 92 86 · 92 87 · 00 87 · 00	86·00 85·92 85·92 85·84 85·84	85·50 85·50 85·50 85·50 85·42	86·34 86·34 86·34 86·42 86·42	87·00 87·17 87·50 87·84 88·17	$92 \cdot 17$ $92 \cdot 67$ $93 \cdot 17$ $94 \cdot 17$ $95 \cdot 17$	96·17 96·17 96·17 96·17 96·17	90·17 90·17 90·17 90·17 90·17
26	94 · 42 94 · 67 94 · 92 94 · 92 94 · 92	93·17 93·09 93·00 92·92 92·84 92·84	90 · 92 90 · 67 90 · 50 97 · 34 90 · 17	87·17 87·09 87·00 86·92 86·84 86·84	87·00 87·00 87·09 87·09 87·09 87·09	85·84 85·75 85·75 85·75 85·75	85·42 85·42 85·42 85·42 85·42 85·42	86·42 86·59 86·75 86·84 86·84	88 · 50 88 · 84 89 · 17 89 · 67 90 · 17 90 · 67	95-67 96-17 96-67 97-17 97-17	96·17 96·17 96·17 96·17	90·17 90·17 90·17 90·17 90·17 90·17

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1896-97.

									TA:	BLE No	. 388.
1 2 3 4 5	89-67 89-17 89-17 89-17 89-17	96·75 92·0 96·67 92·0 96·59 92·0 96·50 91·9 96·42 91·8	9 88 · 84 88 · 67 2 88 · 50	87 · 50 87 · 34 87 · 25 87 · 17 87 · 17	86·17 86·17 86·09 86·09 86·09	86 · 00 86 · 17 86 · 25 86 · 25 86 · 34	86 · 59 86 · 67 86 · 67 86 · 75 87 · 17	90·67 90·67 90·92 91·17 91·42	92 · 17 91 · 17 91 · 17 90 · 67 90 · 17	91·17 91·17 90·17 90·17 90·17	89-67 89-67 89-67 89-17 89-17
6 7 8 9 10	89 · 67 90 · 17 91 · 17 92 · 17 93 · 17	96·34 91·8 96·17 92·0 96·06 92·1 95·84 92·3 95·67 92·5	88-67 7 88-84 4 88-84	87 · 17 87 · 09 87 · 09 87 · 00 87 · 00	86.09 86.09 86.00 86.00 86.00	86·34 86·42 86·50 86·59 86·59	87 · 92 88 · 25 88 · 50 88 · 75 88 · 92	91-67 91-67 91-67 91-67 92-17	89·17 89·17 89·17 89·17 89·17	90·17 90·17 89·67 89·67 89·67	89·17 89·17 89·17 89·17 89·17
11 12 13 14	$93 \cdot 67$ $94 \cdot 17$ $94 \cdot 67$ $95 \cdot 17$ $95 \cdot 17$	95·50 92·5 95·34 92·3 95·17 92·1 95·00 92·0 94·84 91·8	88.84 88.75 88.75	87-00 86-92 86-92 86-92 86-84	86.00 86.01 85.92 85.92 85.92	86-67 86-67 86-67 86-67 86-67	$\begin{array}{c} 89 \cdot 09 \\ 89 \cdot 25 \\ 89 \cdot 42 \\ 89 \cdot 50 \\ 89 \cdot 59 \end{array}$	$\begin{array}{c} 92 \cdot 17 \\ 92 \cdot 17 \\ 92 \cdot 17 \\ 92 \cdot 17 \\ 91 \cdot 17 \\ 91 \cdot 17 \end{array}$	89·17 89·67 90·17 90·17 90·17	90·17 90·67 90·67 90·67 90·17	89-67 89-67 90-17 90-67 91-17
16 · · · · · · · · · · · · · · · · · · ·	95·67 96·17 96·67 97·17 97·50	94·67 91·6 94·50 91·5 94·34 91·3 94·17 91·1 93·92 91·0	0 88·59 4 88·50 7 88·42	86.84 86.75 86.75 86.67 86.67	85 · 92 85 · 84 85 · 84 85 · 84 85 · 84	86-67 86-67 86-67 86-67 86-67	89-67 89-75 89-84 89-92 90-00	91·17 91·67 91·67 91·92 92·17	90 · 67 90 · 67 90 · 67 90 · 67 90 · 67	90·17 90·17 90·67 90·67 90·17	$91 \cdot 17$
21 22 23 24 25	97.84 97.92 98.00 98.00 97.84	93·67 90·8 93·42 90·6 93·17 90·4 93·00 90·1 92·84 90·00	7 88·17 2 88·17 7 88·09	86·59 86·59 86·50 86·50 86·42	85 · 84 85 · 84 85 · 84 85 · 92 85 · 92	86·59 86·59 86·59 86·59 86·59	90·09 90·17 90·25 90·34 90·42	$\begin{array}{c} 92 \cdot 17 \\ 92 \cdot 67 \\ 92 \cdot 67 \\ 92 \cdot 92 \\ 93 \cdot 17 \end{array}$	$90 \cdot 67$ $91 \cdot 17$ $91 \cdot 17$ $91 \cdot 67$ $91 \cdot 67$	89·17 89·17 89·17 89·17 89·17	90 · 17 90 · 17 90 · 17 90 · 17 90 · 17
26	97 · 17 97 · 00 96 · 84	92·67 89·8 92·50 89·6 92·34 89·5 92·17 89·4 92·17 89·3 92·17	87-92 87-92 87-84	86-42 86-34 86-34 86-25 86-25 86-17	85 · 92 85 · 92 85 · 92 85 · 92 85 · 92	86·59 86·59 86·59 86·59 86·59	90 · 50 90 · 59 90 · 67 90 · 67 90 · 67	$\begin{array}{c} 93 \cdot 67 \\ 93 \cdot 67 \\ 93 \cdot 17 \\ 92 \cdot 17 \\ 92 \cdot 17 \\ 92 \cdot 17 \end{array}$	$\begin{array}{c} 91 \cdot 67 \\ 92 \cdot 17 \\ 92 \cdot 17 \\ 92 \cdot 17 \\ 91 \cdot 67 \\ 91 \cdot 67 \\ 91 \cdot 17 \end{array}$		89-67 89-17 89-17 89-17 89-17 89-17

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1897-98.

TABLE No. 38

			Total Section 1								APADAD AT	01 000.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	89·67	97 · 25	95·09	90·50	87·59	87·09	85·25	86·17	85 · 59	89·67	92·75	90·17
	90·17	97 · 50	94·59	90·34	87·59	87·00	85·17	86·25	85 · 42	89·67	93·17	90·50
	90·67	97 · 67	94·25	90·17	87·50	86·92	85·17	86·34	85 · 34	90·17	93·67	90·50
	90·67	97 · 67	94·25	90·00	87·42	86·84	85·17	86·42	85 · 50	90·34	93·92	90·50
	90·67	97 · 59	94·09	89·84	87·34	86·75	85·09	86·42	85 · 67	90·59	94·17	89·67
6	99-67	97·50	93.75	89·67	87 · 25	86 · 67	85-09	86 · 42	85 · 84	90·17	94 · 09	89·17
	90-67	97·42	93.67	89·50	87 · 17	86 · 67	85-09	86 · 42	86 · 00	89·59	94 · 09	89·00
	90-67	97·42	93.59	89·34	87 · 09	86 · 59	85-00	86 · 42	86 · 17	89·59	93 · 92	88·17
	90-67	97·34	93.42	89·09	86 · 92	86 · 50	85-00	86 · 34	86 · 34	89·50	93 · 67	87·84
	90-67	97·34	93.34	88·92	86 · 84	86 · 34	85-00	86 · 42	86 · 34	89·50	92 · 17	87·84
11	90-67	97·17	93·34	88 · 84	86 · 84	86 · 25	84 · 92	86·34	86 · 42	90·17	91·34	88·17
	90-67	97·00	93·34	88 · 75	87 · 00	86 · 17	85 · 00	86·34	86 · 59	91·17	90·67	89·17
	90-67	96·75	93·50	88 · 75	86 · 92	86 · 17	85 · 00	86·25	86 · 84	90·17	90·67	91·17
	90-67	96·59	93·50	88 · 67	86 · 92	86 · 09	84 · 92	86·17	87 · 00	89·25	90·59	93·17
	90-67	96·42	93·42	88 · 59	86 · 92	86 · 09	85 · 00	86·17	87 · 50	89·50	90·59	95·00
16	90-67	96·17	93·34	88·50	86 · 92	86 · 00	85.09	86·09	88.00	89·34	90 · 34	95·75
	90-67	95·92	93·17	88·42	86 · 92	85 · 92	85.09	86·17	88.50	89·34	91 · 17	95·17
	90-67	95·67	93·00	88·25	87 · 00	85 · 75	85.09	86·17	89.00	89·50	92 · 50	95·00
	90-67	95·50	92·75	88·17	87 · 09	85 · 67	85.09	86·09	90.00	89·25	93 · 00	95·00
	90-75	95·42	92·50	88·09	87 · 17	85 · 67	85.17	86·09	91.00	89·17	93 · 00	94·92
21	90 · 84	95 · 25	92·34	87 · 92	87 · 17	85 · 59	85 · 25	86·09	91 · 17	89·00	93 · 00	94 · 92
22	90 · 92	95 · 42	92·09	87 · 75	87 · 17	85 · 50	85 · 34	86·00	89 · 67	89·67	93 · 50	94 · 84
23	91 · 00	95 · 67	91·84	87 · 67	87 · 25	85 · 42	85 · 42	85·92	89 · 67	90·25	93 · 59	93 · 84
24	91 · 17	96 · 17	91·59	87 · 59	87 · 17	85 · 42	85 · 50	85·92	91 · 00	90·17	92 · 67	93 · 42
25	91 · 67	96 · 42	91·59	87 · 50	87 · 17	85 · 42	85 · 59	85·84	91 · 67	90·34	92 · 67	92 · 92
26	92-67 93-67 94-67 95-75 96-84	96 · 50 96 · 42 96 · 34 96 · 00 95 · 67 95 · 42	91-50 91-34 91-09 90-59 90-50	87·42 87·34 87·25 87·42 87·50 87·59	87·34 87·34 87·34 87·25 87·17	85 · 42 85 · 34 85 · 42 85 · 42 85 · 42	85-67 85-84 85-92 86-09 86-17	85-92 86-00 85-92 85-84 85-67	$90 \cdot 17$ $89 \cdot 67$ $91 \cdot 17$ $91 \cdot 50$ $91 \cdot 00$ $89 \cdot 92$		92·59 91·17 91·17	92·67 92·59 92·67 93·34 93·67 93·00

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1898-99.

									TA	BLE No	. 390.
1 2 3 4 55	92 · 92 92 · 75 92 · 67 92 · 59 92 · 42	92·42 92 92·42 92 92·34 92	2·75 91·42 2·67 91·42 2·59 91·34 2·50 91·25 2·34 91·09	87 · 59 87 · 50 87 · 42 87 · 42 87 · 42	$86 \cdot 59$ $86 \cdot 50$ $86 \cdot 50$ $86 \cdot 59$ $86 \cdot 59$	86·67 86·67 86·67 86·75 86·75	89·67 89·75 89·67 89·59 89·42	88·42 88·34 88·34 88·25 88·25	93 · 00 90 · 67 90 · 67 90 · 59 88 · 50	$91 \cdot 42$ $91 \cdot 42$ $91 \cdot 59$ $91 \cdot 34$ $91 \cdot 34$	89·17 89·17 89·17 89·17 89·25
6 7	92 · 42 92 · 17 91 · 84 91 · 50 91 · 17	92·17 92 92·00 91 91·92 91	2·17 90·92 2·00 90·75 ·75 90·59 ·59 90·34 ·34 90·17	87 · 25 87 · 25 87 · 25 87 · 17 87 · 17	86·59 86·67 86·75 86·84 86·92	86.75 86.67 86.67 86.59 86.50	89·34 89·17 89·00 89·00 88·92	88·17 88·09 88·00 88·50 88·25	$88 \cdot 67$ $91 \cdot 17$ $90 \cdot 25$ $90 \cdot 75$ $91 \cdot 17$	91 · 34 91 · 59 91 · 67 91 · 84 93 · 17	88-67 88-50 88-17 87-92 87-67
11. 12 13 14 15.	91.00 91.09 91.09 91.00 90.84	91 · 59 91 91 · 59 91 91 · 50 91	-17 90-09 -09 89-92 -00 89-75 -00 89-59 -00 89-34	87 · 09 87 · 09 87 · 09 87 · 00 87 · 00	86 · 92 86 · 84 86 · 75 86 · 67 86 · 67	86·50 86·59 86·67 86·75	89·00 88·92 88·92 88·92 88·92	88·17 88·17 88·00 88·09 88·17	$\begin{array}{c} 92\cdot 00 \\ 92\cdot 00 \\ 93\cdot 42 \\ 94\cdot 17 \\ 94\cdot 17 \end{array}$	93 · 17 93 · 50 93 · 50 93 · 92 93 · 34	87-67 87-42 87-42 87-42 87-59
16	$90 \cdot 75$ $90 \cdot 84$ $91 \cdot 00$ $91 \cdot 34$ $91 \cdot 67$	91·25 96 91·17 96 91·00 96	·00 89 · 17 ·92 89 · 09 ·75 88 · 92 ·67 88 · 92 ·50 88 · 84	87 · 25 87 · 42 87 · 50 87 · 50 87 · 50	86·59 86·59 86·59 86·59 86·50	86 · 84 86 · 92 87 · 00 87 · 17 87 · 59	88 · 92 88 · 92 88 · 92 89 · 00 89 · 17	89·17 89·67 88·17 88·17 89·17	$\begin{array}{c} 91 \cdot 34 \\ 90 \cdot 17 \\ 90 \cdot 59 \\ 90 \cdot 17 \\ 90 \cdot 17 \end{array}$	$\begin{array}{c} 92 \cdot 59 \\ 90 \cdot 34 \\ 90 \cdot 17 \\ 89 \cdot 67 \\ 89 \cdot 59 \end{array}$	87-42 87-84 88-50 88-67 88-67
21 22 23 24 25	91 · 92 92 · 17 92 · 34 92 · 34 92 · 34	90 · 84 90 90 · 84 90 90 · 92 89	0-34 88-75 0-17 88-67 0-00 88-59 0-84 88-50 0-75 88-42	87 · 50 87 · 50 87 · 42 87 · 25 87 · 17	86·42 86·42 86·42 86·59 86·59	87·59 87·75 88·17 88·59 88·67	89·17 89·17 89·25 89·17 89·09	90 · 17 87 · 67 87 · 50 87 · 50 87 · 50	89 · 92 89 · 67 89 · 42 89 · 42 89 · 50	$89 \cdot 42$ $89 \cdot 42$ $89 \cdot 50$ $90 \cdot 17$ $90 \cdot 17$	88-67 88-67 88-42 88-42 88-17
26 27 28 29 30	92·59 92·59 92·42 92·42 92·50	92·09 96 92·42 96 92·59 96 92·75 91	9·92 88·34 9·99 88·17 9·34 88·99 9·84 87·92 1·17 87·75 87·67	87-09 87-00 86-84 86-75 86-67 86-59	86 · 59 86 · 59 86 · 59 86 · 59 86 · 59	88-67 89-17 89-50 89-59 89-67 89-67	89-00 88-92 88-75 88-59 88-50	87 · 67 88 · 17 88 · 67 89 · 67 90 · 84 91 · 92	89-67 90-17 91-17 91-42 91-67 91-42	89 · 67 89 · 50 89 · 50	88-17 87-84 87-84 87-84 87-67 87-67

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1899-00.

												-
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	87-59 87-59 87-59 87-00 86-92	97 · 67 97 · 25 98 · 84 99 · 42 99 · 84	95·34 95·34 95·34 95·34 95·25	90·67 90·42 90·25 90·17 90·09	88·75 88·67 88·67 88·67 88·59	86·09 86·09 86·00 86·00 85·92	88 · 17 88 · 42 88 · 59 88 · 67 88 · 67	87·50 87·50 87·50 87·59 87·59	86 · 59 86 · 59 86 · 50 86 · 50	89·17 89·42 89·42 89·42 89·47	89-67 90-25 90-84 91-42 89-67	89·67 89·92 89·92 89·92 89·92
6	86.84 86.67 86.92 87.67 88.34	100 · 00 100 · 17 100 · 25 100 · 09 99 • 92	95·17 95·00 94·92 94·67 94·42	90·00 89·92 89·75 89·92 90·42	88 · 42 88 · 34 88 · 17 88 · 00 87 · 84	85.84 85.75 85.67 85.59 85.59	88-67 88-59 88-50 88-34 88-17	87·50 87·50 87·42 87·34 87·17	86 · 50 86 · 50 86 · 42 86 · 34 86 · 34	88·92 88·67 88·67 89·17 89·59	89·50 89·50 89·50 89·17 89·17	96 · 17 90 · 17 90 · 17 89 · 67 89 · 67
11	88-34 88-50 89-67 90-75 92-00	99·67 99·42 99·09 98·67 98·25	$94 \cdot 17$ $93 \cdot 92$ $93 \cdot 67$ $93 \cdot 42$ $93 \cdot 25$	90 · 67 90 · 92 91 · 17 91 · 00 90 · 75	87-67 87-59 87-50 87-34 87-25	85·59 85·50 85·50 85·50 85·42	88 · 09 88 · 00 87 · 84 87 · 67 87 · 50	87.00 87.00	86.34 86.84 87.75 88.17 88.67	90·17 90·67 88·84 88·75 88·75	89·17 89·17 89·17 90·00 90·00	89·67 89·50 89·50 89·17 88·67
16 17 18 19 20	93·17 94·17 95·17 95·42 94·34	97-84 97-42 97-09 96-75 96-42	93·09 92·92 92·67 92·50 92·17	90·59 90·42 90·34 90·17 89·92	87·17 87·00 86·84 86·67 86·59	85·34 85·34 85·34 85·34 , 85·42	87-42 87-25 87-17 87-17 87-17	86 · 75 86 · 67 86 · 67	89·17 89·92 90·17 88·09 88·34	88.75 89.00 91.17 90.67 88.59	90 · 17 89 · 59 89 · 59 89 · 67 89 · 67	88-67 88-75 88-75 88-67 88-17
21 22 23 24 25	94·42 95·00 95·17 95·34 95·59	96·09 95·84 95·50 95·25 95·09	92·09 91·92 91·75 91·67 91·50	89·84 89·67 89·59 89·17 89·17	86·42 86·50 86·42 86·34 86·34	85·42 85·42 85·50 85·59 85·75	87·09 87·17 87·17 87·17 87·17	86-67 86-67 86-67	88-59 88-67 88-67 89-25 89-17	88 · 59 88 · 59 88 · 59 89 · 25 91 · 84	89-67 89-00 89-00 89-00 89-50	88·17 88·17 88·17 88·00 88·00
26	95·84 96·00 97·00 97·17 97·50	94 · 84 94 · 84 94 · 75 94 · 67 94 · 92 95 · 17	91·42 91·25 91·09 90·92 90·75	89·09 89·00 88·92 88·92 88·84 88·84	86-25 86-25 86-17 86-17 86-17 86-09	86-00 86-17 86-59 87-09 87-67	87-17 87-09 87-09 87-17 87-25 87-42	86·59 86·59 86·59 86·59	88-59 88-42 88-67 89-17 88-17 88-17	91 · 84 91 · 84 91 · 84 90 · 17 89 · 67 89 · 67	89-67 89-67 89-67	87-92 87-67 87-17 87-17 87-17 87-17

ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1900-01.

TABLE No. 392.

1	87·50 87·67 87·67 88·67 89·50	95·50 95·42 95·00 94·59 94·42	$\begin{array}{c} 91 \cdot 67 \\ 91 \cdot 92 \\ 92 \cdot 17 \\ 92 \cdot 42 \\ 92 \cdot 34 \end{array}$	88·34 88·34 88·67 88·84 89·17	$90 \cdot 25$ $90 \cdot 17$ $90 \cdot 09$ $90 \cdot 00$ $89 \cdot 92$	87·42 87·34 87·17 87·09 87·09	87·59 87·59 87·59 87·59 87·50	87-67 87-67 87-59 87-50 87-42	88 · 59 88 · 67 88 · 67 88 · 67 88 · 59	88·17 87·84 88·00 88·67 89·59	91·59 91·59 92·09 92·75 93·42	93 · 17 93 · 84 93 · 75 90 · 34 90 · 50
6	90·17 90·67 91·75 92·17 91·84	94 · 25 94 · 09 94 · 17 94 · 17 94 · 17	$\begin{array}{c} 92 \cdot 17 \\ 92 \cdot 09 \\ 92 \cdot 00 \\ 91 \cdot 84 \\ 91 \cdot 75 \end{array}$	89·25 89·42 89·59 89·75 89·84	89·84 89·75 89·75 89·67 89·59	87·09 87·00 87·00 86·92 86·92	87 · 17 87 · 59 87 · 59 87 · 59 87 · 67	87-42 87-42 87-50 87-59 87-42	88 · 59 88 · 59 88 · 59 88 · 50 88 · 42	90·67 89·17 88·67 89·17 89·67	93 · 67 94 · 42 94 · 92 95 · 17 95 · 75	$\begin{array}{c} 90 \cdot 67 \\ 90 \cdot 84 \\ 91 \cdot 09 \\ 90 \cdot 17 \\ 90 \cdot 17 \end{array}$
11 12 13 14 15	$91 \cdot 17$ $90 \cdot 67$ $90 \cdot 50$ $90 \cdot 17$ $90 \cdot 17$	94·09 93·92 93·67 93·50 93·34	$\begin{array}{c} 91 \cdot 67 \\ 91 \cdot 50 \\ 91 \cdot 25 \\ 91 \cdot 00 \\ 90 \cdot 84 \end{array}$	91.00 90.59 90.59 90.50 90.75	89·50 89·42 89·34 89·25 89·17	86·75 86·75 86·75 86·67 86·67	87.84 88.00 88.17 88.34 88.42	87·34 87·17 87·09 87·09 87·09	88-34 88-17 88-17 88-34 88-50	90·17 90·67 91·17 90·17 90·17	96·09 92·00 92·34 92·84 93·92	$90 \cdot 17$ $90 \cdot 34$ $90 \cdot 50$ $89 \cdot 34$ $89 \cdot 17$
16	89·84 89·84 90·17 91·34 92·50	93 · 17 93 · 00 92 · 17 92 · 34 92 · 25	$90 \cdot 67$ $90 \cdot 50$ $90 \cdot 34$ $90 \cdot 17$ $90 \cdot 09$	$\begin{array}{c} 91 \cdot 09 \\ 91 \cdot 59 \\ 92 \cdot 00 \\ 92 \cdot 17 \\ 91 \cdot 84 \end{array}$	89·09 89·00 88·92 88·84 88·75	$86 \cdot 75 \\ 86 \cdot 92 \\ 87 \cdot 00 \\ 87 \cdot 09 \\ 87 \cdot 09$	88 · 17 88 · 34 88 · 25 88 · 17 88 · 09	87-09 87-00 87-09 87-34 88-34	88 · 67 88 · 75 88 · 92 89 · 17 89 · 17	89·92 90·17 90·67 91·17 91·17	94·42 94·75 94·75 94·75 94·17	89·17 89·17 89·25 89·34 89·34
21	93 · 25 93 · 84 94 · 25 94 · 59 95 · 17	92 · 17 93 · 09 93 · 00 92 · 84 92 · 67	90-00 89-84 89-67 89-50 89-34	91 · 42 91 · 17 90 · 42 90 · 75 90 · 75	88-67 88-59 88-42 88-25 88-09	87·25 87·42 87·50 87·59 87·59	88-00 87-84 87-67 87-59 87-59	89·34 89·50 89·67 89·67 89·50	87 · 67 87 · 84 87 · 84 87 · 84 88 · 00	91·59 89·75 89·17 89·17 88·92	94 · 17 92 · 17 92 · 34 92 · 67 93 · 92	89-34 88-17 88-17 88-34 88-42
26. 27. 28. 29. 30.	95 · 67 95 · 75 95 · 75 95 · 67 95 · 67	$\begin{array}{c} 92 \cdot 50 \\ 92 \cdot 34 \\ 92 \cdot 92 \\ 92 \cdot 00 \\ 91 \cdot 84 \\ 91 \cdot 75 \end{array}$	89-17 89-00 88-84 88-67 88-50	90·75 90·67 90·59 90·50 90·42 90·34	88.00 87.92 87.75 87.67 87.67 87.59	87-59 87-50 87-50 87-59 87-59	87-59 87-59 87-17 87-50 87-50 87-59	89·34 89·17 89·00 88·84 88·59	88·34 88·67 87·67 87·67 87·84 88·00	89.67 90.17 90.75 91.34 91.84 92.17	94 · 17 94 · 17 93 · 67	88-34 88-25 88-34 88-50 88-67 88-75

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1901-02.

									-	***	DIE A	0. 000.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	88-84 88-84 88-84 89-17 90-17	96 · 67 96 · 67 96 · 59 96 · 50 96 · 50	92 · 67 92 · 84 93 · 00 93 · 34 93 · 42	90·09 89·00 88·84 88·67 88·59	86·75 86·67 86·59 86·50 86·42	85·17 85·17 85·17 86·09 86·00	84 · 42 84 · 42 84 · 50 84 · 59 84 · 67	85·59 85·59 85·59 85·59 85·67	85·67 85·67 85·67 85·67 85·67	87·50 88·59 89·50 90·17 91·25	92·67 92·17 91·67 92·00 91·84	87·75 88·09 89·25 89·84 89·84
6	91 · 67 92 · 50 94 · 17 94 · 67 95 · 17	96 · 67 96 · 92 96 · 00 95 · 67 95 · 42	93·42 93·50 93·50 93·50 93·34	88·50 88·42 88·34 88·25 88·17	86 · 34 86 · 34 86 · 17 86 · 17 85 · 92	85 · 92 85 · 84 85 · 75 85 · 67 85 · 59	84 · 67 84 · 75 84 · 84 84 · 84 84 · 84	85-67 85-67 85-67 85-67 85-67	85 · 67 85 · 59 85 · 59 85 · 59 85 · 59	92·00 93·59 95·09 96·17 95·00	91 · 67 91 · 42 91 · 67 91 · 67	89-59 89-34 89-17 89-00 88-84
11	95·09 94·67 94·17 93·67 93·59	95·34 95·09 94·92 94·67 94·42	$93 \cdot 17$ $93 \cdot 00$ $92 \cdot 84$ $92 \cdot 59$ $93 \cdot 25$	88·09 87·92 87·75 87·59 87·50	85 · 92 85 · 84 85 · 75 85 · 75 85 · 67	85·50 85·42 85·34 85·25 85·17	84 · 84 84 · 92 94 · 92 85 · 00 85 · 00	85.67 85.67 85.75 85.84 85.84	85·59 85·50 85·50 85·59 86·17	92·17 92·17 92·67 93·17 94·17	91·75 92·00 91·67 91·17 91·17	88·50 88·17 88·84 89·50 90·17
16. 17. 18. 19.	93·50 93·50 93·50 93·67 93·84	94·17 94·09 94·00 93·92 93·84	91·92 91·67 91·50 91·34 91·17	87 · 50 87 · 42 87 · 25 87 · 17 87 · 09	85 · 67 85 · 67 85 · 59 85 · 50 85 · 50	85-09 85-09 85-09 85-00 84-92	85·09 85·17 85·17 85·17 85·42	85.84 85.84 85.84 85.84 85.84	88-17 90-34 91-17 90-67 90-67	$94 \cdot 17$ $92 \cdot 17$ $93 \cdot 17$ $92 \cdot 17$ $92 \cdot 17$	91.00 90.67 90.67 92.00 92.59	$90 \cdot 67$ $91 \cdot 34$ $92 \cdot 17$ $92 \cdot 50$ $92 \cdot 34$
21 22 23 24 25	94·17 95·17 96·00 96·67 96·92	93 · 84 93 · 92 93 · 92 93 · 84 93 · 67	90·92 90·67 90·50 90·42 90·34	86·92 86·75 86·67 86·59 86·59	85·42 85·34 85·17 85·25 85·42	84·92 84·00 84·75 84·67 84·67	85·59 85·59 85·59 85·59 85·50	85 · 84 85 · 75 85 · 75 85 · 67 85 · 67	90·50 90·50 90·34 90·67 91·17	91·17 90·67 89·67 89·84 89·84	91·50 91·17 90·50 90·09 90·00	93 · 25 92 · 17 92 · 67 93 · 09 93 · 09
26. 27. 28. 29. 30.	96-84 96-75 96-67 96-59 96-50	$\begin{array}{c} 93 \cdot 50 \\ 93 \cdot 34 \\ 93 \cdot 17 \\ 93 \cdot 00 \\ 92 \cdot 84 \\ 92 \cdot 75 \end{array}$	90·17 90·00 89·84 89·67 89·42	86·59 86·50 86·42 86·50 86·67 86·75	85·34 85·25 85·25 85·25 85·25 85·17	84·59 84·50 84·50 84·42 84·42	85·50 85·50 85·42 85·42 85·42 85·50	85 · 67 85 · 67 85 · 67 85 · 67 85 · 67	91·17 90·92 88·92 87·67 87·34 87·34	89 · 84 89 · 50 89 · 17 90 · 75 92 · 34 92 · 42	88·17 87·75 87·75	93·09 92·92 92·67 92·59 93·34 94·00

ELEVATIONS above M.L.S. of Ottawa River at Lower Grenville, for 1902-03.

									_	TA	BLE No	. 394.
1	94 · 09 94 · 09 94 · 09 94 · 00 94 · 00	93-67 93-92 94-00 94-17 94-42	$\begin{array}{c} 92\cdot 67 \\ 92\cdot 75 \\ 92\cdot 75 \\ 92\cdot 84 \\ 92\cdot 84 \end{array}$	90-92 90-84 90-75 90-75 90-67	88-34 88-42 88-42 88-50 88-50	86·67 86·59 86·50 86·34 86·25	86·09 86·17 86·17 86·17 86·17	87 · 17 87 · 25 87 · 34 87 · 34 87 · 42	89·75 89·67 89·59 89·50 89·84	91·17 90·50 90·17 89·59 89·84	90·09 90·67 90·17 91·00 91·84	90·59 90·59 91·09 92·09 91·17
6	93 · 92 93 · 92 93 · 75 93 · 42 93 · 25	$\begin{array}{c} 94 \cdot 50 \\ 94 \cdot 50 \\ 94 \cdot 42 \\ 94 \cdot 34 \\ 94 \cdot 25 \end{array}$	92·84 92·75 92·75 92·67 92·75	90·67 90·59 90·50 90·34 90·17	88·50 88·50 88·42 88·34 88·17	86·17 86·09 86·00 85·92 85·92	86·17 86·25 86·25 86·34 86·25	87 · 59 87 · 67 87 · 67 87 · 67 87 · 84	89·67 89·75 90·17 90·67 92·09	88 · 84 89 · 25 89 · 59 90 · 00 90 · 34	$\begin{array}{c} 92 \cdot 50 \\ 92 \cdot 75 \\ 92 \cdot 75 \\ 92 \cdot 75 \\ 92 \cdot 75 \\ 91 \cdot 75 \end{array}$	$91 \cdot 00$ $91 \cdot 92$ $91 \cdot 17$ $90 \cdot 50$ $90 \cdot 50$
11 12 13 14 15	93 · 25 93 · 25 93 · 34 93 · 34 93 · 25	94·17 94·00 93·84 93·67 93·59	92·75 92·75 92·67 92·59 92·50	90·00 89·84 89·67 89·59 89·42	88·09 88·09 87·92 87·75 87·67	85·92 85·84 85·84 85·84 85·84	86·25 86·25 86·34 86·42 86·42	88·00 88·17 88·34 88·50 88·67	92 · 17 91 · 34 91 · 17 91 · 34 92 · 00	$\begin{array}{c} 90 \cdot 75 \\ 91 \cdot 09 \\ 91 \cdot 67 \\ 92 \cdot 09 \\ 92 \cdot 34 \end{array}$	$91 \cdot 75$ $91 \cdot 75$ $91 \cdot 75$ $91 \cdot 84$ $91 \cdot 92$	$90 \cdot 67$ $91 \cdot 00$ $91 \cdot 92$ $92 \cdot 92$ $93 \cdot 17$
16. 17. 18 19. 20.	93 · 17 93 · 00 93 · 00 92 · 92 92 · 84	93 · 42 93 · 34 93 · 17 93 · 09 92 · 92	92·50 92·42 92·25 92·09 91·92	89·34 89·25 89·34 89·34 89·25	87·59 87·50 87·42 87·42 87·34	85 · 92 86 · 00 86 · 09 86 · 17 86 · 17	86-42 86-50 86-50 86-67 86-84	88·75 88·84 88·92 89·00 89·25	92·59 90·50 90·17 89·59 89·17	$\begin{array}{c} 91 \cdot 25 \\ 89 \cdot 59 \\ 90 \cdot 34 \\ 92 \cdot 00 \\ 92 \cdot 17 \end{array}$	$\begin{array}{c} 92\cdot 00 \\ 92\cdot 17 \\ 93\cdot 00 \\ 93\cdot 09 \\ 94\cdot 17 \end{array}$	$93 \cdot 00$ $92 \cdot 92$ $92 \cdot 92$ $92 \cdot 92$ $93 \cdot 67$
21	92·75 92·75 92·75 92·75 92·75 92·67	92·75 92·59 92·42 92·25 92·25	91·75 91·67 91·50 91·34 91·17	89·25 89·17 89·09 89·00 88·84	87 · 25 87 · 25 87 · 17 87 · 09 87 · 09	86 · 17 86 · 17 86 · 17 86 · 17 86 · 17	87-06 87-00 87-09 87-09 87-09	89·42 89·59 89·84 89·92 90·00	89·09 89·09 89·42 89·67 89·92	91·59 91·59 91·75 91·75 92·09	93·75 93·75 91·84 91·00 90·75	94.00 94.50 94.50 94.50 94.67
26. 27. 28. 29. 30. 31.	92 · 67 92 · 92 92 · 92 93 · 00 93 · 34	92·17 92·25 92·42 92·50 92·59 92·67	91·17 91·17 91·09 91·00 90·92	88·75 88·67 88·67 88·59 88·50 88·50	87 · 09 87 · 00 86 · 92 86 · 84 86 · 75 86 · 67	86·09 86·09 86·09 86·09 86·09	87 · 09 87 · 17 87 · 17 87 · 17 87 · 17 87 · 17	90 · 09 90 · 09 90 · 17 90 · 00 89 · 84	90 · 17 90 · 50 91 · 00 91 · 17 91 · 50 91 · 67		90·59 90·59 90·59	94 · 17 93 · 84 93 · 67 93 · 67 93 · 09 93 · 00

6 GEORGE V, A. 1916

ELEVATIONS above M.L.S. of Ottawa River at Lower Grenville, for 1903-04.

TABLE No. 395.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	92·75 92·17 92·34 92·17 92·17	91·09 91·09 91·00 91·09 91·25	91·09 91·00 90·92 90·75 90·59	91 · 00 91 · 67 93 · 25 92 · 17 91 · 67	88·17 88·00 87·84 87·75 87·67	86·75 86·75 86·67 86·59 86·50	87·17 87·09 87·00 86·92 86·92	87 · 59 87 · 50 87 · 42 87 · 42 87 · 42	86·09 86·09 86·09 86·00 86·00	88·25 88·25 89·34 89·25 89·25	92 · 92 93 · 34 93 · 67 94 · 09 94 · 17	94·42 94·75 94·75 95·17 96·00
6	92·25 92·34 92·75 92·75 92·67	91.59 91.92 91.34 91.59 91.75	90·50 90·34 90·25 90·09 90·09	91·25 91·00 90·84 90·59 90·42	87 · 67 87 · 67 87 · 59 87 · 59 87 · 50	86·42 86·34 86·34 86·25 86·25	86-92 86-92 87-00 87-17 87-67	87 · 34 87 · 34 87 · 25 87 · 17 87 · 09	$85 \cdot 92$ $85 \cdot 92$ $86 \cdot 00$ $86 \cdot 09$ $86 \cdot 17$	88·42 88·75 88·75 88·50 88·50	94·17 94·17 94·17 94·17 94·50	$96 \cdot 42$ $96 \cdot 34$ $96 \cdot 42$ $96 \cdot 42$ $96 \cdot 50$
11 12 13 14 15	$92 \cdot 50$ $92 \cdot 34$ $92 \cdot 17$ $92 \cdot 00$ $91 \cdot 92$	91.92 91.92 91.92 93.00 93.09	90·00 89·92 90·00 90·17 90·34	90·25 90·00 89·75 89·50 89·25	87-50 87-59 87-59 87-59 87-67	86·17 86·17 86·09 86·09 86·09	88·17 88·25 88·17 88·17 88·17	87-00 87-00 86-92 86-84 86-84	86.84 86.92 87.17 88.59 90.00	88 · 42 88 · 42 88 · 59 88 · 84 89 · 34	95·84 96·00 96·00 95·84 95·50	96·75 96·75 96·84 96·92 96·09
16	91 · 92 91 · 92 91 · 92 91 · 92 91 · 92	93 · 09 93 · 09 93 · 00 93 · 00 92 · 92	90·34 90·42 90·67 90·67 90·59	89·09 88·92 88·75 88·59 88·50	87-67 87-67 87-67 87-67 87-59	86·09 86·17 86·42 86·59 86·75	88-17 88-17 88-42 88-67 88-67	86·75 86·75 86·67 86·59 86·59	86 · 84 88 · 00 88 · 17 88 · 59 88 · 59	89·34 89·42 90·25 91·17 91·42	94 · 17 94 · 17 94 · 34 94 · 59 94 · 59	95·92 95·59 95·25 95·25 95·17
21	91·92 92·00 92·00 91·92 91·75	92 · 84 92 · 67 92 · 50 92 · 34 92 · 17	90 · 67 90 · 67 90 · 75 90 · 84 91 · 00	88-50 88-50 88-50 88-42	87·50 87·50 87·34 87·17 87·09	86-92 87-00 87-17 87-25 87-34		86·42 86·42 86·25 86·25 86·34	88-17 89-09 89-50 87-17 86-84	91·25 91·25 89·50 89·84 91·00	94 · 50 94 · 50 94 · 42 94 · 67 94 · 92	95·17 95·17 94·50 93·84 92·34
26	91 · 59 91 · 42 91 · 34 91 · 25 91 · 17	92.00 91.84 91.67 91.50 91.34 91.17	91 · 17 91 · 17 91 · 09 91 · 09 91 · 00	88-42 88-42 88-34 88-34 88-34	87.00 87.00 86.92 86.75 86.59 86.67	87·34 87·25 87·34 87·34 87·25	88-00 87-84	86-34 86-17 86-09 86-09 86-09	87-17 88-17 88-34 88-67 88-17 88-25	92·09 92·17 92·34 92·50 92·59 92·75	95·34 95·59 94·59 94·42	91·25 94·34 95·34 95·34 95·75 95·84

ELEVATIONS above M.L.S. of Ottawa River at Lower Grenville, for 1904-05.

TABLE No. 396. 88-34 86-67 88.09 89.34 92·67 92·17 99-67 99-67 99-67 95.84 96.00 96-67 92-17 96·17 96·34 95·09 96·42 97 · 17 97 · 42 97 · 67 92.00 88 - 34 88 - 17 86 - 67 88.09 89.34 88-09 87 · 92 87 · 92 91.84 86.67 89.34 88 - 09 89·17 89·34 96-09 99-67 96.75 01.84 86.92 96.34 96.34 87-84 87.00 96.42 91.42 87 · 75 87 · 67 87 · 59 87 · 34 87 · 17 96.50 97.75 97.67 91.17 86.92 88-17 89-00 88.21 90.25 96-67 99.50 97.67 97.75 97.84 86-92 86-84 88-42 88-50 88 · 42 88 · 50 90.67 96 - 67 99.50 $96 \cdot 67$ $95 \cdot 42$ $98 \cdot 17$ 91.00 90.84 88-92 98.42 88.84 91.17 88.42 88.75 88 - 59 97.00 99.59 98.00 90 - 67 86.75 88-67 89.17 92.17 00.50 95.92 98-84 98-09 87-17 86-67 88 - 42 92.34 98.09 98.09 97.92 97.75 97.50 98 · 75 98 · 59 90·67 90·67 87-09 87-00 86.59 90·67 91·17 92.50 97 · 17 97 · 42 97 · 67 99·34 99·34 99·34 86·59 86·50 95.17 88-34 88-25 93 · 42 93 · 59 94.92 98.34 90-67 86-92 94 - 92 86.50 88-92 88 - 17 98-00 90.59 86-84 87 · 34 87 · 17 87 · 17 87 · 67 $92 \cdot 92$ $92 \cdot 75$ $92 \cdot 59$ $97 \cdot 17$ $96 \cdot 59$ $96 \cdot 09$ $86.59 \\ 86.59 \\ 86.67$ 88.75 93 · 75 93 · 75 99-17 99-00 90.50 86-92 90 · 42 90 · 34 98 · 67 97 · 42 86.92 89.34 88-00 89.34 98 · 50 97 · 17 86-84 86 · 84 87 · 00 94 - 50 $90 \cdot 17$ 92.42 95.67 90.09 86-67 89.25 88 - 50 $91 \cdot 75$ $94 \cdot 92$ 89.92 87.09 86-67 94 - 67 89.75 91.42 97.09 94 - 34 89.59 86-59 89-42 87-09 87-17 91.5096 - 92 94·00 93·75 89 - 42 86-67 89-42 96.84 86-92 89.34 89-42 95·59 96·75 96·75 96·75 92·00 91·67 $91 \cdot 92$ 87-09 87-09 89-50 99-67 96 - 92 $93 \cdot 50$ 89.09 96·84 96·75 96·67 96·67 96·59 93 · 17 92 · 84 87-09 89.50 90.00 90.50 92 - 50 88-50 86-84 92·17 92·42 97-00 94 · 17 95 · 92 96.59 88-34

SESSIONAL PAPER No. 19a

Elevations above M.L.S. of Ottawa River at Lower Grenville, for 1905-06.

TABLE No. 397.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	96·67	89·34	92.00	88-67	87 · 59	85 · 59	85-59	86·84	87·17	85 · 75	88-67	88-34
2	96·67	89·50	91.84	88-59	87 · 59	85 · 59	85-50	86·84	87·17	86 · 17	88-67	88-17
3	95·75	89·25	91.75	88-42	87 · 50	85 · 59	85-59	86·84	87·17	86 · 59	89-59	87-84
4	94·25	90·17	91.59	88-25	87 · 42	85 · 50	85-50	86·67	87·17	86 · 75	90-00	87-67
5	92·92	90·67	91.34	88-17	87 · 34	85 · 59	85-34	86·42	87·17	86 · 75	89-59	87-17
6 7 8 9	92 · 92 92 · 03 91 · 84 90 · 84 90 · 50	90 · 92 91 · 00 91 · 17 91 · 67 92 · 09	91·17 91·09 91·00 90·92 90·84	88-09 87-92 87-75 87-67 87-67	87·25 87·17 87·17 87·09 86·92	85-67 85-67 85-67 85-67 85-59	85·34 85·34 85·34 85·34 85·34	86·42 86·50 86·42 86·42 86·42	87 · 17 87 · 34 87 · 17 86 · 34 86 · 34	86 · 92 86 · 92 86 · 92 87 · 00 87 · 00	90 · 00 90 · 34 90 · 42 90 · 50 90 · 59	87·25 86·67 86·42 86·34 86·17
11	90·50	92 · 42	90·75	87.59	86 · 84	85·59	85·34	86·42	87-09	88 · 84	90·67	86·17
12	90·50	92 · 84	90·67	87.50	86 · 84	85·50	85·59	86·42	87-34	88 · 84	90·67	86·00
13	90·34	93 · 17	90·67	87.59	86 · 75	85·50	85·59	86·42	87-67	88 · 84	90·59	86·00
14	90·25	93 · 34	90·59	87.59	86 · 67	85·50	85·50	86·50	87-67	88 · 17	90·50	85·92
15	90·25	93 · 34	90·50	87.59	86 · 59	85·42	85·50	86·50	87-67	89 · 42	90·17	85·92
16	90·17	93·34	90·50	87-67	86·50	85·42	85 · 59	86 · 42	86·34	89·50	90·00	85 · 84
17	90·09	93·34	90·42	87-67	86·42	85·42	85 · 67	86 · 42	86·17	88·34	89·75	85 · 84
18	89·92	93·42	90·42	87-67	86·34	85·59	85 · 67	86 · 34	86·17	88·50	89·42	85 · 84
19	89·75	93·42	90·34	87-67	86·34	85·67	85 · 84	86 · 34	86·25	88·67	89·17	85 · 84
20	89·59	93·42	90·42	87-67	86·17	85·84	86 · 09	86 · 25	86·09	88·34	88·84	85 · 75
21	89·50	93 · 42	90 · 42	87·59	86 · 17	86·00	86·34	86·17	86 · 00	88 · 25	87 · 67	85-67
22	89·42	93 · 50	90 · 34	87·59	86 · 17	86·00	86·34	86·17	86 · 25	88 · 00	87 · 59	85-67
23	89·25	93 · 59	90 · 09	87·59	86 · 09	86·00	86·50	86·17	86 · 09	88 · 59	87 · 67	85-67
24	88·25	93 · 50	89 · 84	87·59	86 · 00	85·92	86·67	86·09	86 · 00	88 · 67	87 · 59	85-67
25	88·92	93 · 34	89 · 59	87·50	85 · 92	85·92	86·84	86·17	85 · 92	89 · 25	87 · 59	85-67
26 27 28 29 30 31	88-75 88-75 88-75 88-84 89-00	93 · 09 92 · 84 92 · 59 92 · 42 92 · 25 92 · 17	89·59 89·42 89·34 89·17 88·92	87-42 87-42 87-42 87-34 87-34 87-42	85-84 85-75 85-67 85-67 85-67	85 · 84 85 · 84 85 · 75 85 · 75 85 · 67	86 · 92 86 · 92 86 · 92 86 · 92 86 · 92 86 · 92	86·25 86·34 86·34 86·34 86·34	85-92 85-92 85-84 85-84 85-75 85-75	90·34 90·34 90·17 89·67 89·67 90·00	87·50 88·34 88·50	85·75 85·92 87·67 88·17 88·17 88·25

ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1906-07.

										TA	BLE No	. 398.
1	87 · 92	90 · 92	92·50	91·00	86-67	84·92	84·25	85·00	85 · 25	85·17	90 · 25	94-67
2	87 · 50	90 · 92	92·34	90·75	86-67	84·84	84·25	85·60	85 · 42	85·17	90 · 42	94-67
3	87 · 34	91 · 09	92·17	90·59	86-59	84·75	84·25	84·92	85 · 25	85·17	91 · 17	94-67
4	87 · 34	91 · 34	92·00	90·42	86-50	84·67	84·25	84·92	86 · 17	85·25	92 · 34	94-17
5	87 · 42	91 · 67	91·92	90·25	86-42	84·67	84·25	84·84	86 · 17	85·25	92 · 42	94-17
6	87 · 25 87 · 42 87 · 67 87 · 75 87 · 67	$\begin{array}{c} 91 \cdot 84 \\ 91 \cdot 92 \\ 92 \cdot 09 \\ 92 \cdot 34 \\ 92 \cdot 50 \end{array}$	$\begin{array}{c} 91 \cdot 92 \\ 92 \cdot 09 \\ 93 \cdot 17 \\ 93 \cdot 59 \\ 93 \cdot 17 \end{array}$	90·09 89·84 89·59 89·42 89·25	86·34 86·25 86·25 86·17 86·17	84 · 67 84 · 67 84 · 59 84 · 59 84 · 59	84 · 84 84 · 84 84 · 84 84 · 84 84 · 84	84 · 84 84 · 84 84 · 84 84 · 84 84 · 84	86·59 86·17 86·17 86·25 87·17	. 85·09 85·17 85·34 85·67 85·67	92·59 93·00 93·17 93·17 93·17	94 · 17 94 · 17 94 · 17 94 · 17 94 · 17
11	87 · 67	92 · 75	93.00 92.84 92.67 92.59 92.42	89·09	86·09	84·59	84·84	84-84	87 · 17	86.59	93·17	95.00
12	87 · 75	92 · 84		88·92	86·00	84·59	84·84	84-84	87 · 59	87.25	93·25	93.92
13.	87 · 84	93 · 17		88·67	85·92	84·59	84·84	84-84	86 · 92	86.84	94·09	93.84
14	87 · 84	93 · 34		88·50	85·84	84·59	84·42	84-84	86 · 25	87.00	94·17	93.17
15	88 · 00	93 · 42		88·34	85·67	84·50	84·42	84-84	86 · 17	87.75	94·17	92.17
16.	88-34	93 · 50	92-42	88-17	85 · 67	84 · 50	84 · 42	84-84	85-67	88-25	94 · 34	91·17
17.	88-34	93 · 59	92-34	88-00	85 · 59	84 · 42	84 · 42	84-85	85-67	87-84	94 · 34	90·17
18.	88-42	93 · 59	92-25	87-84	85 · 59	84 · 34	84 · 50	84-75	85-59	87-67	94 · 17	90·17
19.	88-67	93 · 67	92-17	87-67	85 · 50	84 · 34	84 · 59	84-75	85-59	87-42	93 · 59	90·17
20.	89-17	93 · 75	92-09	87-50	85 · 50	84 · 34	84 · 67	84-84	85-75	87-50	94 · 42	90·17
21	89·42	93 · 67	91.92	87 · 34	85·42	84 · 34	84 · 75	84 · 92	85·75	87 · 84	94 · 67	90 · 67
22	89·75	93 · 67	91.75	87 · 25	85·42	84 · 34	84 · 75	84 · 92	85·42	88 · 42	94 · 92	89 · 50
23	90·17	93 · 59	91.75	87 · 34	85·34	84 · 34	84 · 75	84 · 92	85·42	88 · 50	94 · 92	89 · 00
24	90·67	93 · 50	91.67	87 · 34	85·25	84 · 25	84 · 84	84 · 92	85·42	89 · 17	95 · 00	89 · 09
25.	90·84	93 · 42	91.67	87 · 17	85·25	84 · 25	84 · 92	84 · 92	85·67	89 · 42	95 · 09	89 · 17
26	91·09 91·09 91·09 91·09 90·92	93·34 93·25 93·17 92·00 91·84 91·67	91·59 91·50 91·34 91·25 91·17	87-09 86-92 86-84 86-75 86-67 86-67	85·17 85·17 85·09 85·09 85·09 85·00	84·25 84·25 84·25 84·25 84·25	84 · 92 84 · 92 84 · 92 85 · 00 85 · 00 85 · 00	84·92 85·00 85·09 85·17 85·25	85-67 85-67 85-75 85-75 85-84 85-92	91.00	95·17 95·42 95·67	$90 \cdot 17$ $91 \cdot 34$ $91 \cdot 42$ $93 \cdot 25$ $94 \cdot 42$ $95 \cdot 50$

6 GEORGE V, A. 1916 ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1907–08.

TABLE No. 399.

			-									
Day	April.	May.	June.	July.	Aug.	Sept.	Oet.	Nov.	Dec.	Jan.	Feb.	March.
1	95 · 67 95 · 75 94 · 84 93 · 92 93 · 42	91·42 92·17 92·34 92·42 92·50	94 · 00 93 · 84 93 · 75 93 · 67 93 · 59	91·34 91·42 91·42 91·34 91·17	88·34 88·34 88·25 88·25 88·25	86·09 86·09 86·00 86·00	87-50 87-42 87-34 87-25 87-25	87-34 87-25 87-17 87-17 87-34	87 · 84 87 · 75 87 · 67 87 · 75 87 · 84	87-84 88-09 88-17 88-92 89-42	92 · 00 92 · 09 92 · 09 92 · 34 92 · 42	91 · 67 91 · 67 91 · 75 91 · 84 91 · 84
6	93 · 34 93 · 17 92 · 67 90 · 84 90 · 17	92 · 59 92 · 67 92 · 59 92 · 42 92 · 25	93 · 67 93 · 67 93 · 67 93 · 59 93 · 59	91·00 90·84 90·75 90·67 90·50	88·17 88·17 88·09 88·09 88·00	86-00 85-92 85-84 85-75 85-75	87·34 87·34 87·50 87·42 87·42	87·42 88·34 89·50 90·09 90·17	87.92 88.00 88.09 88.17 88.17	89·67 90·00 89·42 89·42 90·17	92 · 59 92 · 59 92 · 67 92 · 75 92 · 75	91 · 84 91 · 75 91 · 75 90 · 67 91 · 17
11	89-67 89-75 89-84 89-67 89-67	92.09 92.00 91.84 91.84 92.00	93 · 50 93 · 50 93 · 59 93 · 50 93 · 50	90·34 90·17 90·00 89·84 89·75	87 · 84 87 · 75 87 · 67 87 · 59 87 · 42	85 · 84 85 · 92 86 · 00 86 · 09 86 · 17	87 · 42 87 · 50 87 · 59 87 · 67 87 · 67	90·17 90·09 89·67 89·42 89·25	88 · 17 88 · 67 89 · 34 90 · 17 91 · 34	90·25 90·34 90·84 91·59 92·09	91 · 42 91 · 42 91 · 42 91 · 50 91 · 50	99·17 90·42 90·09 89·42 89·42
16	89·42 89·42 90·42 90·75 89·25	92.34 92.84 93.34 93.84	93·34 93·17 93·09 92·84 92·59	89·59 89·50 89·34 89·25 89·17	87 · 25 87 · 09 87 · 00 86 · 84 86 · 75	86 · 34 86 · 42 86 · 50 86 · 59 86 · 67	87 · 75 87 · 84 87 · 84 87 · 75 87 · 75	89·09 88·92 88·84 88·67 88·67	91 · 34 90 · 17 89 · 67 89 · 42 89 · 42	92·17 93·17 93·42 93·50 93·59	91·59 91·59 91·84 92·00 92·42	90 · 00 90 · 42 90 · 75 90 · 75 90 · 75
21	89-00 88-75 88-50 88-75 88-84	94 · 50 94 · 92 95 · 09 95 · 09 95 · 00	92·42 92·25 92·00 91·84 91·67	89·09 89·00 88·84 88·67 88·67	86 · 67 86 · 59 86 · 50 86 · 50 86 · 25	86 · 75 86 · 75 86 · 92 87 · 00 87 · 17	87·75 87·75 87·75 87·75 87·67	88·59 88·50 88·34 88·17 88·17	90 · 00 90 · 17 88 · 50 87 · 67 87 · 59	93 · 59 90 · 17 89 · 34 89 · 92 90 · 59	92 · 92 93 · 00 93 · 09 93 · 17 93 · 17	89·42 89·42 89·42 89·34 89·34
26	89·00 88·92 88·92 88·92 89·42	94 · 84 94 · 59 94 · 34 94 · 59 94 · 34 94 · 09	91·59 91·42 91·34 91·34	88-67 88-59 88-59 88-50 88-34 88-34	86-34 86-34 86-25 86-17 86-17	87 · 17 87 · 17 87 · 17 87 · 17 87 · 25 87 · 42	87 · 59 87 · 59 87 · 50 87 · 50 87 · 50 87 · 84	88-17 88-17 88-17 88-09 88-00	87·59 88·17 88·84 87·67 87·67	91-09 91-34 91-50 91-67 91-92	93 · 34 93 · 42 92 · 34 92 · 00	89·34 89·34 89·42 89·50 89·59 89·67

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1908-09.

TABLE No. 400. 90.50 95-17 97.42 90-42 83.42 86-67 89-50 89-25 90 · 50 89 · 67 97·34 97·34 97·17 90.25 86-67 86-59 86-50 84 · 59 84 · 50 84 · 42 83 · 25 83 · 25 83 · 17 83.34 87-00 89-67 96.00 85·50 85·59 96-84 90.09 87.42 89.84 89-09 89-67 89-92 97·42 97·34 89.75 86.42 84.34 83-17 89-84 89.09 97.00 88 - 84 84.25 90.00 97.34 06.84 80.67 86.34 83-17 83.59 85.02 89.50 80.50 88.84 86·25 86·17 84·17 84·17 84·17 7.... 8.... 9.... 90-00 90-17 90-67 97·25 97·42 96.67 96.42 89-59 83 - 17 83 - 50 86.00 89-59 89 - 59 89 - 50 98.34 96.17 89.42 86-00 86-00 89-17 90.17 91-67 98-75 96-00 89.34 84-09 86.00 90.17 95-59 84-09 92-17 98-84 89 - 25 98-92 83 - 67 86-00 89-75 90.25 92 - 67 12... 85·59 85·59 83-00 82-92 89 · 50 89 · 59 92.67 99·17 99·42 $94 \cdot 67$ $94 \cdot 25$ 88-92 84-09 83 · 67 83 · 67 86.09 90-34 89.00 86.34 94-09 88 - 59 85.50 84-00 86.34 90.67 92.75 99.25 84-00 83 - 50 85.92 89.92 92.34 99-25 93-84 88.50 90.99 58-92 88-75 88-50 16 99·25 99·25 93 - 59 83.92 86.00 90.00 92.34 88-34 88-25 86.09 88-17 83 - 59 90.17 88-34 98-92 92.84 89-09 $86 \cdot 17$ 88-00 87-92 87-67 87-17 91 · 17 91 · 09 98.75 $92 \cdot 59$ 89-09 86-25 98-67 98-50 92·34 92·17 92·00 89.00 86 · 25 86 · 42 86 · 50 92 · 17 91 · 17 90 · 50 88 · 92 88 · 75 84-00 91-17 91 · 17 98.34 91.84 84-34 86 - 50 86 - 67 86-59 89.34 86 · 25 86 · 34 08.25 91.59 88-59 98-25 98-09 97-92 97-75 97-59 97-50 91.34 88 - 50 91 - 25 88-34 87-17 87-09 84-92 86 · 84 87 · 60 87 · 17 89-50 90.84 84-67 90.67 94 - 84 86.92 84.59 86-34

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1909-10.

TABLE No. 401.

										1.	IDLE A	0. 491.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	87·50 87·84 88·50 89·67 90·34	94·34 94·92 95·59 95·59 95·34	100 • 09 99 • 59 99 • 17 98 • 67 98 • 17	91 · 25 91 · 09 90 · 92 90 · 67 90 · 50	90 · 75 90 · 75 90 · 59 90 · 42 90 · 17	87·50 87·50 87·42 87·34 87·34	87·50 87·42 87·34 87·42 87·50	86 · 84 86 · 84 86 · 92 86 · 92 86 · 92	87 • 59 87 • 59 87 • 59 87 • 59 87 • 67	87-67 87-75 87-84 88-30 89-34	87-75 87-17 87-09 87-09 87-17	86 · 67 86 · 34 86 · 34 86 · 50 87 · 17
6	91·17 92·42 92·42 93·17 94·42	94 · 92 94 · 75 94 · 84 95 · 42 95 · 84	97·75 97·42 97·09 97·09 96·17	90·34 90·25 90·17 90·09 89·92	89·92 89·75 89·59 89·42 89·17	87·34 87·34 87·42 87·50 87·42	87 · 59 87 · 59 87 · 59 87 · 50 87 · 50	86-84 86-84 86-84 86-84	87-67 87-67 87-67 87-59 87-59	90 · 17 90 · 25 90 · 17 88 · 17 88 · 25	87 · 34 87 · 67 88 · 25 88 · 25 87 · 84	87·75 88·42 88·67 88·75 88·59
11 12 13 14 15	93·59 92·17 92·00 92·50 93·75	96.92 97.17 97.84 98.09 98.17	95·84 95·17 95·00 94·59 94·34	89·75 89·59 89·42 89·17 89·00	89·00 88·84 88·67 88·50 88·42	87-42 87-42 87-50 87-50 87-50	87-42 87-42 87-34 87-25 87-17	86-92 86-92 86-92 86-92 86-84	87·50 87·50 87·59 87·42 87·34	88-34 88-42 88-59 89-17 89-67	87-84 88-09 88-17 88-17 88-25	88·25 87·84 87·42 87·34 87·17
16	93 · 92 93 · 92 93 · 92 93 · 92 94 · 17	98·59 98·92 99·17 99·50 99·84	93·84 93·50 93·34 93·25 93·00	88 · 84 88 · 84 88 · 84 88 · 75 88 · 75	88·34 88·34 88·34 88·34 88·17	87.50 87.59 87.59 87.59 87.59	87·09 87·00 86·92 86·92 86·92	86-84 86-84 87-00 87-00 87-00	87·25 87·17 87·09 87·09 87·09	90·17 90·59 90·59 88·50 88·00	88-34 88-42 88-50 87-84 88-00	86-67 86-67 86-50 86-42 86-34
21 22 23 24 25	$94 \cdot 42$ $94 \cdot 75$ $94 \cdot 50$ $94 \cdot 50$ $94 \cdot 50$	100 · 09 100 · 42 100 · 42 100 · 42 100 · 42	$92 \cdot 92$ $92 \cdot 75$ $92 \cdot 59$ $92 \cdot 50$ $92 \cdot 34$	88 · 67 88 · 59 88 · 50 88 · 50 88 · 67	88.09 88.09 87.84 87.75	87·59 87·59 87·59 87·59 87·67	86 · 92 86 · 84 86 · 84 86 · 92 86 · 92	87-09 87-09 87-42 87-67 87-42	87·09 87·17 87·34 87·50 87·59	87-42 87-34 87-50 87-59 87-67	88 · 34 88 · 42 88 · 25 88 · 25 88 · 34	86 · 92 86 · 59 86 · 50 88 · 67 89 · 34
26 27 28 29 30 31	94·34 94·17 94·00 93·92 94·09	100 · 42 100 · 50 100 · 67 100 · 59 100 · 42	92·17 92·00 91·84 91·67 91·42	88 · 84 89 · 34 89 · 84 90 · 34 90 · 59 90 · 75	87 · 67 87 · 59 87 · 50 87 · 50 87 · 50 87 · 50	87-67 87-59 87-59 87-50 87-50	87.00 87.00 87.09 87.00 86.92 86.84	87-34 87-34 87-42 87-50 87-59	87-67 87-92 87-50 87-50 87-50 87-67	87 - 67	88·42 88·59 86·67	89·59 89·42 89·42 89·42 89·59 89·17

ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1910-11.

TABLE No. 402.

										12	ABLE No	. 402.
1	90·50 90·84 91·09 91·34 91·59	93 · 59 93 · 59 93 · 59 93 · 50 93 · 42	$90 \cdot 34$ $90 \cdot 42$ $90 \cdot 50$ $90 \cdot 59$ $90 \cdot 67$	88·50 88·34 88·25 88·17 88·17	85 · 75 85 · 84 85 · 84 85 · 92 85 · 92	86·00 86·09 86·17 86·25 86·34	85·25 85·25 85·34 85·34 85·59	86-84 86-75 86-75 86-84 86-84	87-09 87-09 87-00 86-92 86-84	87·34 87·67 88·17 88·75 88·75	91 · 84 91 · 84 92 · 17 92 · 34 92 · 50	92·34 92·84 93·59 93·50 92·42
6	91 · 92 92 · 00 92 · 17 92 · 34 92 · 50	93·34 93·17 92·59 92·42 92·09	90·75 90·92 91·09 91·25 91·17	88·17 88·09 88·09 88·00 87·92	86 · 00 86 · 00 85 · 92 85 · 92 85 · 92	86·50 86·59 86·50 86·42 86·25	85·84 86·42 86·59 86·75 86·84	86-59 86-84 86-92 86-92 87-00	86·75 86·67 86·92 88·42 89·67	89·17 87·67 87·17 87·50 88·34	92 · 59 92 · 84 93 · 17 92 · 25 91 · 50	91·84 91·84 91·75 91·67
11. 12. 13. 14. 15.	92 · 67 92 · 84 92 · 84 92 · 34 92 · 34	$\begin{array}{c} 92 \cdot 09 \\ 92 \cdot 09 \\ 92 \cdot 00 \\ 91 \cdot 84 \\ 91 \cdot 59 \end{array}$	91·17 91·09 91·00 90·92 90·84	87·75 87·59 87·34 87·17 87·09	85 · 84 85 · 84 85 · 84 85 · 75 85 · 75	86-09 86-09 86-09 86-09 86-00	86-92 87-00 87-09 87-09 87-09	87-00 87-09 87-09 87-09 87-09	86-67 86-67 86-75 86-75 87-84	89·00 89·50 89·92 89·92 89·92	91 · 17 91 · 25 92 · 17 93 · 00 93 · 42	91.67 91.59 91.59 91.34 9.59
16. 17. 18. 19. 20.	92 · 17 92 · 00 91 · 75 91 · 84 91 · 92	91 · 42 91 · 17 91 · 00 90 · 84 90 · 75	90·75 90·67 90·59 90·42 90·25	87.00 86.92 86.84 86.75 86.67	85 · 75 85 · 75 85 · 84 85 · 92 86 · 00	86-00 85-92 85-84 85-75 85-75	87·17 87·17 87·17 87·17 87·19	87-09 87-09 87-09 87-00 87-00	89·17 89·17 87·34 86·92 86·92	90·17 90·34 90·50 90·67 90·84	93 · 42 93 · 59 93 · 67 93 · 75 93 · 75	90.59 91.09 91.00 90.67 90.50
21. 22. 23. 24. 25.	91 · 92 92 · 09 92 · 25 92 · 34 92 · 50	90 · 67 90 · 59 90 · 50 90 · 50 90 · 42	90 · 09 89 · 84 89 · 84 89 · 67 89 · 59	86·59 86·50 86·42 86·34 86·34	85 · 92 85 · 84 85 · 92 86 · 00 86 · 17	85·75 85·67 85·59 85·50 85·42	87.09 87.00 86.92 86.84 86.84	86 · 92 86 · 92 86 · 92 87 · 00 87 · 00	87.00 86.92 86.92 88.00 89.34	90 · 84 90 · 92 90 · 67 90 · 67 90 · 75	93 · 84 93 · 84 93 · 92 93 · 92 93 · 75	$90 \cdot 50$ $90 \cdot 59$ $90 \cdot 59$ $90 \cdot 50$ $90 \cdot 42$
26. 27. 28. 29. 30. 31.	92·84 93·42 93·50 93·59 93·67	90·34 90·25 90·17 90·25 90·34 90·34	89·34 89·09 88·92 88·67 88·50	$86 \cdot 25$ $86 \cdot 25$ $86 \cdot 17$ $86 \cdot 17$ $86 \cdot 09$ $85 \cdot 92$	86 · 25 86 · 17 86 · 00 85 · 92 85 · 92 85 · 92	85·42 85·42 85·34 85·34 85·25	86 · 84 86 · 84 86 · 84 86 · 84 86 · 84 86 · 84	86 · 92 86 · 92 86 · 92 87 · 00 87 · 00	89·50 89·67 87·50 86·84 87·00 87·17	90·75 · 89·25 89·17 89·00 89·84 91·34	92·17 92·17	89-67 89-67 89-75 89-50 89-42

6 GEORGE V. A. 1916 Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1911-12.

TABLE No. 403. Nov. Dec. Jan. Feb. March. Sept. Oct April. May. June. July. Aug. Day. $85 \cdot 34 \\ 85 \cdot 34 \\ 85 \cdot 25$ $84 \cdot 59$ 84 - 67 86-17 $97 \cdot 42$ 90.42 $97 \cdot 34$ 89.50 $92 \cdot 34$ $93 \cdot 50$ $93 \cdot 50$ $93 \cdot 50$ 89-67 86-09 84 · 59 84 · 59 84 - 67 86 · 25 86 · 34 86 · 50 97.34 90.25 89.67 89.67 $93 \cdot 00$ $93 \cdot 59$ 89.59 86.00 98-25 84 · 67 84 · 67 97 - 34 90.09 89.50 86.00 98-17 89-50 89-42 85.92 85·17 85·25 84 - 67 97.17 94 - 84 98-17 89.34 80.25 85.92 84 - 67 84 - 67 86-67 97.00 94.7598 - 50 $94 \cdot 42$ 93.09 85.34 84 - 59 84-75 86 - 84 96.84 $94 \cdot 84$ 97 - 17 89.34 94.75 $92 \cdot 92$ 89.17 89.00 84·75 84·84 95-00 $92.75 \\ 92.59$ 85·92 86·00 85·25 85·25 85·17 $84 \cdot 59 \\ 84 \cdot 50$ 86.17 96.67 $94 \cdot 92$ $95 \cdot 09$ 96·75 96·59 89.25 86.00 96-67 89.59 $95 \cdot 25$ $88 \cdot 84$ 88 - 59 86.00 86.09 92·84 92·67 90-17 95 - 50 88.42 86-17 85-09 $84 \cdot 50$ 85.00 86.09 96-17 $95 \cdot 92$ $90 \cdot 92$ 10. 86·25 86·34 85-00 84 - 50 85.09 86.17 95.75 95.75 $95 \cdot 59$ $91 \cdot 92$ 88.25 85.00 85.00 84.92 84.84 86 · 17 87 · 17 87 · 67 87 · 75 87 · 67 91 · 67 91 · 50 85.09 95.59 96.09 95·50 95·34 92·34 93·09 95·42 95·42 88.09 $84 \cdot 50$ 87 · 92 87 · 75 87 · 59 86-42 84 - 50 $85 \cdot 25 \\ 85 \cdot 34$ $95 \cdot 09$ 96·42 96·75 86 · 50 86 · 50 04 - 59 94.00 $95 \cdot 25$ 91.8484-42 84.42 94-25 96.75 $92 \cdot 34$ 92.09 93.34 87 · 50 87 · 42 87 · 34 87 · 17 87 · 50 87 · 42 87 · 34 87 · 34 87 · 25 $91 \cdot 92$ 94-67 92.09 84-84 84.49 85.59 03.84 96.42 $93 \cdot 25 \\ 92 \cdot 75 \\ 91 \cdot 67$ 93.59 91·59 90·75 94 - 42 92.09 86·34 86·25 84 · 84 84 · 84 $84 \cdot 42 \\ 84 \cdot 50$ 85·59 85·67 $95 \cdot 50$ 94 - 17 91 · 84 91 · 67 93.34 $94 \cdot 42$ 18 86-17 93.09 94.34 91.50 90.34 87.09 90.17 93 - 67 91.42 86.09 84.75 $84 \cdot 50$ 85-67 $92 \cdot 84$ $94 \cdot 25$ $91 \cdot 17$ 91·25 91·00 87-00 86.00 $84.75 \\ 84.75 \\ 84.75$ 84 - 50 85.75 87 - 17 $92 \cdot 59$ $94 \cdot 25 \\ 94 \cdot 34$ 91.5090.00 93.49 87 · 17 88 · 09 87 · 17 87 · 17 87 · 17 92.34 91·50 91·17 93 - 17 86.84 86.00 89.92 89.92 93 - 17 90.75 86.75 85.92 $84 \cdot 50$ 85.92 $92 \cdot 17$ $94 \cdot 42$ 86-67 86-59 85 · 92 85 · 84 84 - 59 90.00 93.25 90.59 84 · 67 84 · 67 86.00 92.00 96.69 90.92 84 - 59 86-09 91 - 84 96.34 89.84 90.42 90.17 93.42 87-17 87-59 89-09 85.75 84 - 67 86.00 91.5726. 27. 28. 90.3493-67 90.25 86.50 96.84 91·34 91·09 90.34 93·75 93·84 90.09 86 · 42 86 · 34 85·67 85·67 86.09 96.42 89·17 88·34 84 · 67 84 · 59 86·17 86·17 86·17 * 90.59 96.42 90 - 92 93 - 92 89.92 89-17 90.84 $96 \cdot 34$ 90.59 86-17 85.50 84 - 67 84 · 59 84 · 59 90.67

*Ice jam.

93 - 50

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1912-13.

90 - 42

88-09

85.42

86.09

										TA	BLE No	. 404.
1	87 · 63 87 · 34 87 · 25 86 · 75 86 · 67	93·38 93·17 93·09 92·88 92·79	96 · 92 96 · 71 96 · 42 96 · 17 95 · 88	90·67 90·38 90·17 89·96 89·84	87·09 87·00 86·92 86·88 86·84	86·25 86·25 86·25 86·21 86·25	86 · 21 86 · 25 86 · 17 86 · 17 86 · 09	88-38 88-71 88-67 88-59 88-59	88·30 88·42 88·55 88·84 89·05	87 · 71 87 · 67 87 · 46 87 · 84 89 · 92	89·59 90·88 92·71 93·38 93·13	92·54 93·17 93·38 93·75 93·54
6	86 · 59 86 · 75 90 · 88 92 · 21 92 · 75	92·75 92·75 92·75 92·67 92·71	95·46 95·34 95·17 94·88 94·67	89-67 89-46 89-34 89-25 89-04	86 · 75 86 · 67 86 · 50 86 · 54 86 · 59	86·25 86·25 86·34 86·38 86·38	85-96 85-96 85-96 85-92 85-96	88·50 88·92 90·29 90·96 91·09	89·13 89·92 90·00 89·92 88·92	$\begin{array}{c} 91 \cdot 75 \\ 92 \cdot 00 \\ 92 \cdot 63 \\ 94 \cdot 13 \\ 94 \cdot 42 \end{array}$	$93 \cdot 46$ $92 \cdot 75$ $92 \cdot 00$ $92 \cdot 50$ $93 \cdot 34$	93 · 29 94 · 34 94 · 88 94 · 50 94 · 04
11 12 13 14 15.	92 · 67 93 · 04 93 · 42 93 · 34 92 · 96	$\begin{array}{c} 92 \cdot 79 \\ 92 \cdot 88 \\ 93 \cdot 09 \\ 93 \cdot 50 \\ 93 \cdot 50 \end{array}$	94·38 94·17 93·96 93·67 93·38	89·00 88·84 88·71 88·67 88·59	86 · 67 86 · 79 87 · 04 87 · 17 87 · 21	86·42 86·42 86·38 86·34 86·34	85.88 85.84 85.92 85.92 85.92	90 · 96 90 · 79 90 · 63 90 · 75 90 · 96	89-17 89-63 91-54 89-38 88-79	$\begin{array}{c} 93 \cdot 67 \\ 92 \cdot 59 \\ 92 \cdot 13 \\ 92 \cdot 25 \\ 91 \cdot 71 \end{array}$	93:34 94:17 94:79 93:96 93:67	91 · 88 90 · 79 90 · 17 89 · 71 89 · 88
16	92 · 63 92 · 42 92 · 42 92 · 71 92 · 75	93·59 93·92 94·34 94·67 94·75	$\begin{array}{c} 93 \cdot 34 \\ 93 \cdot 25 \\ 93 \cdot 00 \\ 92 \cdot 79 \\ 92 \cdot 71 \end{array}$	88 · 59 88 · 50 88 · 34 88 · 42 88 · 34	87 · 13 87 · 00 86 · 92 86 · 92 86 · 84	86·34 86·34 86·29 86·17 86·09	85 · 92 85 · 88 85 · 84 86 · 00 86 · 17	90·79 90·50 90·25 89·92 89·71	88-38 89-12 90-92 89-21 89-50	90·46 88·84 88·46 89·42 90·17	93 · 75 93 · 88 93 · 75 93 · 67 94 · 17	91·54 93·29 93·25 92·38 92·67
21	92.79 92.79 93.63 93.84 93.84	94·84 94·84 94·79 94·71 94·96	$\begin{array}{c} 92 \cdot 75 \\ 92 \cdot 67 \\ 92 \cdot 50 \\ 92 \cdot 34 \\ 92 \cdot 21 \end{array}$	88·17 88·17 88·09 87·96 87·84	86-67 86-50 86-42 86-34 86-34	86·17 86·13 86·13 86·25 86·34	86 · 29 86 · 34 86 · 42 86 · 88 87 · 38	89·38 89·29 89·17 88·96 89·09	90 · 42 90 · 92 90 · 88 90 · 59 91 · 54	90 · 54 91 · 09 90 · 46 90 · 46 89 · 59	93 · 13 93 · 34 93 · 71 93 · 84 94 · 13	95 · 54 96 · 00 96 · 17 96 · 13 96 · 67
26	93 · 75 93 · 67 93 · 63 93 · 46 93 · 42	$\begin{array}{c} 95 \cdot 29 \\ 95 \cdot 46 \\ 95 \cdot 46 \\ 95 \cdot 67 \\ 96 \cdot 21 \\ 96 \cdot 75 \end{array}$	91·92 91·71 91·46 91·17 90·96	87 · 75 87 · 54 87 · 42 87 · 38 87 · 34 87 · 25	86·34 86·59 86·50 86·42 86·46 86·34	86·34 86·34 86·21 86·09 86·17	87 · 88 88 · 17 88 · 38 88 · 42 88 · 67 88 · 59	88-96 88-80 88-67 88-55 88-59	92·17 90·21 90·12 89·71 89·25 88·50	89 · 21 88 · 88 90 · 46 91 · 96 92 · 50 90 · 54	93 · 88 93 · 92 93 · 13	96·75 95·92 94·79 94·25 93·79 93·46

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Lower Grenville, for 1913-14.

TABLE No. 405.

										1.7	IDLE N	0. 405.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	94 · 84 95 · 46 95 · 21 94 · 50 94 · 88	94 · 38 94 · 84 95 · 30 95 · 67 95 · 84	91·38 91·17 90·84 90·75 90·59	87·50 87·30 87·17 87·09 87·00	86·04 85·92 85·85 85·79 85·79	85·34 85·34 85·38 85·42 85·42	85 · 50 85 · 46 85 · 63 85 · 63 85 · 50	87-88 87-75 87-76 87-75 87-67	89·09 89·09 89·17 89·25 89·17	87·59 90·17 92·04 93·46 91·59	91 · 67 91 · 88 92 · 29 91 · 63 91 · 84	92·34 91·67 91·13 90·42 90·59
6 7 8 9 10	94 · 84 94 · 67	96.04 95.96 95.84 95.67 95.42	90·42 90·34 90·13 90·00 89·92	86-92 86-92 86-84 86-67 86-71	85·71 85·67 85·59 85·54 85·42	85 · 42 85 · 34 85 · 38 85 · 34 85 · 34	85 · 42 85 · 42 85 · 34 85 · 34 85 · 34	87 · 50 87 · 42 87 · 34 87 · 21 87 · 67	89-09 89-09 89-09 89-00 88-84	89 · 92 89 · 42 88 · 50 89 · 50 89 · 50	92·33 92·29 93·50 93·04 93·67	90·13 89·46 89·04 88·71 89·25
11	93·79 93·84 93·59 93·54 93·42	95 · 13 94 · 80 94 · 55 94 · 29 93 · 96	89 · 80 89 · 71 89 · 67 89 · 67 89 · 50	86-67 86-42 86-42 86-50 86-46	85·42 85·42 85·34 85·34 85·34	85·25 85·17 85·17 85·17 85·09	85·34 85·29 85·13 85·21 85·17	87 · 75 87 · 84 87 · 84 87 · 92 88 · 17	88-84 88-67 88-46 88-34 88-17	90 · 12 91 · 29 92 · 08 92 · 46 92 · 21	94 · 04 95 · 04 95 · 34 94 · 88 94 · 92	88 · 96 89 · 00 88 · 63 88 · 34 88 · 17
16 17 18 19	93·17 93·34	93 · 59 93 · 50 93 · 21 93 · 00 92 · 67	89-50 89-42 89-34 89-25 89-17	86 · 46 86 · 46 86 · 50 86 · 55 86 · 50	85·25 85·25 85·21 85·25 85·25	85·09 85·09 85·13 85·09 85·09	85·21 85·34 85·34 85·50 85·42	88 · 34 88 · 38 88 · 59 88 · 42 88 · 75	88-09 88-09 88-09 89-29 88-96	92 · 17 92 · 67 92 · 54 93 · 13 92 · 46	95.00 95.00 95.00 94.84 94.84	87.92 88.00 87.63 87.84 88.96
21	93 · 42 93 · 38 93 · 30	$92 \cdot 38$ $92 \cdot 21$ $92 \cdot 00$ $91 \cdot 92$ $91 \cdot 80$	89.00 88.92 88.75 88.67 88.46	86 · 50 86 · 46 86 · 46 86 · 42	85·17 85·17 85·25 85·25 85·25	84 · 92 85 · 17 85 · 25 85 · 30 85 · 34	86 · 55 86 · 71 86 · 67 86 · 63 87 · 30	88 · 84 88 · 79 88 · 79 88 · 67 88 · 75	87-96 87-75 88-34 88-71 87-71	92 · 92 92 · 63 92 · 42 92 · 09 92 · 34	94 · 75 95 · 04 95 · 34 95 · 42 95 · 17	88·79 88·46 88·13 88·00 87·54
26	93 · 34 93 • 46 93 · 67 93 · 96 94 · 17	91 · 67 91 · 55 91 · 80 92 · 05 91 · 92 91 · 67	88·30 88·17 88·00 87·84 87·67	86-34 86-21 86-17 86-17 86-17 86-09	85·17 85·34 85·42 85·34 85·38 85·34	85-38 85-50 85-46 85-46	87 · 59 87 · 75 87 · 67 87 · 92 88 · 00 87 · 96	88.75 88.75 88.84 89.04 89.00	87 · 29 87 · 75 87 · 63 87 · 42 87 · 34 87 · 13		94-96 93-89 93-00	87·59 87·67 89·38 90·09 90·63 90·59

Elevations above M.S.L. of Ottawa River at Lower Grenville, for 1914-15.

TABLE No. 406.

										LADLI	3 :40. 40	70.
1 2 3 4 5	90-34 91-34 91-38 90-17 89-79	90·79 91·00 90·84 90·92 91·04	88 · 75 88 · 59 88 · 42 88 · 34 88 · 34	87 · 75 87 · 75 87 · 75 87 · 71 87 · 71	85 · 59 85 · 50 85 · 42 85 · 34 85 · 25	84-29 84-42 81-42 84-34 84-34	84·00 84·00 84·00 83·92 83·84	84 · 25 84 · 25 84 · 34 84 · 34 84 · 42	85·09 85·17 85·59 85·84 85·92	86-00 85-84 86-00 86-25 86-67	87·46 87·79 88·13 88·42 88·59	85·75 85·67 85·50 85·50 85·34
6 7 . 8 9	89-46 83-96 83-46 88-13 87-71	91 · 13 91 · 17 91 · 34 91 · 38 91 · 46	88-17 88-09 88-09 88-00 88-13	87-63 87-59 87-50 87-42 87-34	85·17 85·17 85·09 84·96 84·92	84·25 84·25 84·34 84·34 84·34	83 · 84 83 · 88 83 · 84 83 · 84 83 · 84	84 · 50 84 · 50 81 · 50 84 · 50 84 · 50	86·09 86·38 85·75 85·59 85·75	86-92 85-75 85-88 86-09 86-00	88·50 87·79 86·96 86·59 87·03	85.09 85.00 85.00 84.92 84.92
11 12 13 14 15	87-42 87-42 87-42 87-25 86-96	$\begin{array}{c} 91 \cdot 50 \\ 91 \cdot 50 \\ 91 \cdot 50 \\ 91 \cdot 46 \\ 91 \cdot 34 \end{array}$	88-00 87-92 87-84 87-75 87-63	87·17 87·09 87·00 86·92 86·92	81-84 84-84 84-84 84-84 84-84	84 · 29 84 · 33 84 · 34 84 · 34 84 · 34	83 · 84 83 · 84 84 · 04 84 · 17 84 · 17	84 · 42 84 · 50 84 · 50 84 · 50 84 · 42	$85 \cdot 46$ $85 \cdot 34$ $85 \cdot 25$ $85 \cdot 25$ $85 \cdot 42$	85-92 85-92 85-84 85-84 85-67	87·38 87·59 87·09 87·09 87·09	84·84 84·84 84·84 84·75 84·67
16 17 18 19	86-92 87-00 87-17 87-54 87-96	$\begin{array}{c} 91 \cdot 21 \\ 91 \cdot 13 \\ 90 \cdot 92 \\ 90 \cdot 84 \\ 90 \cdot 59 \end{array}$	$\begin{array}{c} 87 \cdot 54 \\ 87 \cdot 42 \\ 87 \cdot 29 \\ 87 \cdot 29 \\ 87 \cdot 34 \end{array}$	86 · 84 86 · 75 86 · 63 86 · 50 86 · 42	84·84 84·75 84·75 84·75 84·67	84·34 84·34 84·34 84·29 84·25	84·17 84·09 84·17 84·17 84·25	84·75 85·17 85·17 85·00 85·09	87 · 29 85 · 25 85 · 17 85 · 42 85 · 67	85·50 85·34 85·17 85·09 85·17	86·50 86·00 85·92 85·75 85·75	84.67 84.75 84.75 84.67 84.67
21	88-50 88-67 88-75 88-84 88-75	$90 \cdot 29$ $90 \cdot 04$ $89 \cdot 84$ $89 \cdot 59$ $89 \cdot 29$	87 · 42 87 · 50 87 · 79 87 · 75 87 · 96	86·25 86·21 86·17 86·17 86·13	84-59 84-59 84-50 84-54 84-50	84 · 17 84 · 17 84 · 17 84 · 17 84 · 17	84 · 25 84 · 25 84 · 29 84 · 25 84 · 25	85·17 85·09 85·00 85·00 85·09	85-92 87-50 87-75 85-67 85-59	85·17 85·42 85·67 85·67 85·75	$\begin{array}{c} 85 \cdot 54 \\ 85 \cdot 17 \\ 84 \cdot 92 \\ 84 \cdot 92 \\ 85 \cdot 21 \end{array}$	84-67 84-67 84-92 85-38 86-00
26 27 28 29 30 31	89-04 89-75 90-13 90-17 90-63	89·29 89·34 89·21 89·00 88·96 88·75	87-92 87-84 87-63 87-75 87-84	86.00 86.00 85.92 85.75 85.75 85.67	84·42 84·42 84·34 83·25 84·42 84·34	84-09 84-09 84-04 84-09 84-04	$\begin{array}{c} 84 \cdot 25 \\ \end{array}$	85-09 85-17 85-09 85-09 85-00	85-59 85-67 86-67 85-59 85-59 85-96	86-00 86-09 86-09 86-46 86-79 87-13		86.38 86.50 86.17 86.00 85.92 85.67

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1870. ${}^{\rm TABLE~No.~407.}$

												_
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
										79 - 70	83 - 70	81.9
										79.70	83 - 70	81.9
										79.70	83.70	81.7
										79 - 70	83 - 70	81.7
										79 - 70	83.70	81.7
	1									79.70	83 - 70	81.7
										79.70	83 - 20	81.5
										79.70	83.03	81.3
										79.70	83-03	81-3
										80.20	82.70	81.0
	,								1	00.00	00.00	
										80-20	82·37 82·20	81 -
										80·20 80·70	82 - 20	81.
										80.70	82.37	81.
										80.70	82.37	80-
										90.10	02.91	90.0
										80.70	82.20	80-
										80.78	82-20	80-
										80.78	82.03	80-
										80.87	82.03	80
										80.87	82 - 12	80 -
										80.95	82 - 20	80-
										89-95	82 - 20	80.
										81.70	82 · 20	80 -
										82.03	82.03	79 -
										83 - 20	82.03	79-
										84 - 12	81.95	79 -
										84-20	81-95	79-
										84 - 20	81.95	
)										83.70		79 ·
)										83 - 20		79.
										63.20		79.

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1870-71.

										TABL	E No. 4	08.
1	80 · 20 89 · 87 81 · 37 82 · 03 82 · 53	$\begin{array}{c} 92 \cdot 37 \\ 92 \cdot 03 \\ 92 \cdot 03 \\ 91 \cdot 87 \\ 91 \cdot 45 \end{array}$	84 · 53 84 · 45 84 · 23 84 · 20 83 · 95	81 · 20 80 · 95 80 · 78 80 · 78 80 · 70	80 · 20 80 · 12 80 · 12 79 · 87 79 · 87	78 · 87 78 · 87 78 · 87 78 · 95 79 · 03	78·37 78·37 78·28 78·45 78·45	80 · 45 80 · 37 80 · 53 80 · 53 80 · 70	\$1.03 81.03 81.03 81.03 81.03	81 · 20 81 · 20 81 · 29 81 · 28 81 · 28	81·78 81·70 81·78 81·87 81·95	80 · 70 80 · 70 80 · 70 80 · 70 80 · 53
6	82 · 87 83 · 37 84 · 03 85 · 03 85 · 70	91·45 91·03 90·78 90·37 90·20	83 · 95 83 · 70 83 · 62 83 · 37 83 · 03	80 · 70 80 · 62 80 · 53 80 · 87 80 · 87	79-87 79-78 79-78 79-70 79-70	78-95 79-03 79-03 79-37 79-28	78 · 45 78 · 37 78 · 37 78 · 37 78 · 28	80 · 62 80 · 62 80 · 62 80 · 87 81 · 62	80 · 95 80 · 78 80 · 70 80 · 70 80 · 62	81·28 81·53 81·78 81·87 81·87	81 · 95 81 · 95 81 · 95 82 · 03 82 · 03	80·45 80·45 80·53 80·70 80·87
11	86-45 87-53 88-87 89-12 89-28	99 · 20 89 · 87 89 · 37 89 · 20 88 · 70	83·03 82·78 82·87 82·78 82·87	80·78 80·70 80·78 80·95 81·03	79·70 79·62 79·78 79·78 79·70	79·12 79·12 79·12 79·12 79·03	78-28 78-20 78-20 78-20 78-20 78-20	81·70 81·78 81·78 81·78 81·95	80·28 80·20 80·20 80·37 80·53	81 · 95 81 · 95 81 · 95 81 · 95 81 · 78	82.03 82.03 82.03 81.95 81.95	80 · 87 80 · 87 82 · 12 82 · 78 83 · 12
16	89 · 62 89 · 95 89 · 95 90 · 20 90 · 78	88-53 88-20 87-78 87-70 87-45	82 · 87 82 · 70 82 · 70 82 · 62 82 · 53	80·87 80·78 80·87 80·87 80·78	79 · 70 79 · 62 79 · 53 79 · 53 79 · 45	78-95 78-87 78-87 78-87 78-78	78 · 20 78 · 20 78 · 37 78 · 70 78 · 87	81.95 81.95 81.95 82.03 81.87	80 · 70 80 · 95 81 · 03 81 · 12 81 · 20	81·70 81·70 81·70 81·70 81·53	81 · 87 81 · 78 81 · 70 81 · 70 82 · 03	83 · 37 83 · 45 83 · 53 83 · 62 83 · 70
21	91·37 91·62 92·53 91·87 92·28	87 · 03 86 · 70 86 · 53 86 · 20 86 · 20	82·45 82·37 82·12 81·95 81·78	80 · 70 80 · 70 80 · 70 80 · 70 80 · 62	79·37 79·37 79·28 79·20 79·20	78 · 78 78 · 62 78 · 53 78 · 62 78 · 53	79·03 79·20 79·20 79·20 79·37	81 · 87 81 · 70 81 · 53 81 · 45 81 · 28	81 · 20 81 · 28 81 · 37 81 · 28 81 · 28	81·20 81·37 81·37 81·53 81·53	82.03 82.03 82.03 82.03 81.87	83 - 53 83 - 45 83 - 45 83 - 45 83 - 12
26	92·45 92·28 92·37 92·37 92·45	85·70 85·45 85·37 85·12 85·12 85·03	81·70 81·70 81·53 81·37 81·28	$\begin{array}{c} 80 \cdot 53 \\ 80 \cdot 28 \\ 80 \cdot 28 \\ 80 \cdot 20 \\ 80 \cdot 20 \\ 80 \cdot 20 \end{array}$	79 · 20 79 · 20 79 · 12 78 · 95 78 · 95 78 · 82	78 · 53 78 · 62 78 · 45 78 · 45 78 · 37	$\begin{array}{c} 79 \cdot 53 \\ 79 \cdot 62 \\ 80 \cdot 03 \\ 80 \cdot 20 \\ 80 \cdot 20 \\ 80 \cdot 37 \end{array}$	81·20 81·20 81·12 81·03 81·12	$\begin{array}{c} 81 \cdot 28 \\ 81 \cdot 20 \\ 81 \cdot 12 \\ 81 \cdot 20 \\ 81 \cdot 20 \\ 81 \cdot 20 \end{array}$	81·70 81·70 81·70 81·78 81·78 81·87	80·95 80·70 80·70	82 · 87 82 · 87 82 · 78 82 · 53 82 · 45 82 · 37

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1871-72.

TABLE No. 409.

Day.	April.	May.	June,	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	82·45 82·45 82·53 82·70 82·78	88-95 89-20 89-53 89-70 90-37	87·12 87·03 87·03 86·87 86·53	83 · 20 83 · 20 83 · 03 82 · 70 82 · 87	81-12 81-03 81-03 81-03 80-95	79 · 20 79 · 12 79 · 03 78 · 95 78 · 95	78-28 78-45 78-37 78-53 78-37	79·37 79·45 79·53 79·62 79·53	79·70 79·70 79·53 79·53 79·53	79·62 79·70 79·87 80·03 80·20	80·20 80·20 80·20 80·20 80·20 80·12	79·20 79·03 79·03 79·03 79·03
6 7 8 9	82 · 87 82 · 87 82 · 95 83 · 45 84 · 03	99.45 90.70 90.70 90.70 90.62	86 · 20 86 · 20 86 · 20 85 · 87 85 · 70	82·70 82·70 82·53 82·45 82·37	80·78 80·62 80·62 80·62 80·53	79·03 78·95 78·87 78·78 78·70	78 · 45 78 · 45 78 · 45 78 · 53 78 · 53	79·53 79·53 79·53 79·53 79·53	79 · 53 79 · 45 79 · 45 79 · 37 79 · 28	80·28 80·28 80·37 80·37 80·37	80·12 80·03 80·03 79·87 79·87	79·20 79·28 79·37 79·53 79·70
11	84 · 28 84 · 95 84 · 95 84 · 95 85 · 03	90·62 90·53 90·45 90·37 90·12	85.62 85.53 85.70 85.70 85.45	82·12 82·03 82·03 81·95 81·95	80·37 80·28 80·20 80·12 80·03	78·70 78·70 78·70 78·62 78·53	78 · 53 78 · 53 78 · 53 78 · 53 78 · 62	79·53 79·53 79·53 79·53 79·53	79 · 28 79 · 20 79 · 20 79 · 20 79 · 20	80·45 80·45 80·45 80·62 80·70	79·87 79·78 79·78 79·70 79·45	79·70 79·53 79·53 79·37 79·28
16	85 · 37 85 · 45 85 · 53 85 · 53 85 · 70	89.87 89.70 89.45 89.28 89.03	85·53 85·37 85·20 85·03 84·95	81.95 81.95 81.70 81.70 81.78	80·03 79·95 79·95 79·95 79·87	78 · 45 78 · 45 78 · 45 78 · 45 78 · 45	78 · 70 78 · 70 78 · 70 78 · 70 78 · 78	79·53 79·62 79·62 79·62 79·62	79·20 79·37 79·37 79·37 79·37	80 · 70 80 · 70 80 · 70 80 · 70 80 · 70	79·45 79·37 79·37 79·37 79·37 79·28	79·28 79·28 79·20 79·20 79·37
21 22 23 24 25	86-20 86-53 86-70 87-20 87-78	88 · 78 88 · 53 88 · 37 88 · 28 88 · 12	84 · 87 84 · 62 84 · 45 84 · 28 84 · 28	81 · 78 81 · 62 81 · 53 81 · 53 81 · 45	79·78 79·62 79·62 79·62 79·45	78·37 78·37 78·28 78·28 78·28	78 · 87 78 · 95 79 · 03 79 · 12 79 · 20	79·62 79·62 79·62 79·53 79·53	79·37 79·37 79·37 79·37 79·37	80·70 80·70 80·70 80·70 80·70	79·28 79·28 79·28 79·20 79·20	79·37 79·45 79·53 79·45 79·37
26	88-03 87-70 87-70 88-45 88-53	88-03 87-87 87-87 87-62 87-45 87-03	84 · 20 83 · 95 83 · 87 83 · 70 83 · 53	81·37 81·28 81·28 81·37 81·37 81·28	79·37 79·37 79·28 79·28 79·28 79·28 79·28	78-37 78-45 78-45 78-37 78-28	79·28 79·37 79·37 79·37 79·37 79·28	79·53 79·53 79·53 79·70 79·70	79-37 79-37 79-37 79-37 79-45 79-45	80·78 80·78 80·95 80·95 81·20 81·20	79·20 79·20 79·20 79·20	79·20 79·12 78·95 78·95 78·87 78·87

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1872-73.

									7	ABLE	No. 410.
1	78 · 87 78 · 87 78 · 87 78 · 87 78 · 87 78 · 78	85·70 8 86·20 8 86·20 8	8·20 83·3 8·20 83·3 8·12 83·3 8·12 83·3 8·12 83·6	8 81.03 9 80.95 2 80.87			82·45 82·37 82·28 82·28 82·20	80 · 70 80 · 62 80 · 62 80 · 70 80 · 78	81·20 81·20 81·37 81·45 81·62	82·62 81·95 81·78 81·70 81·70	81·62 80·70 80·20 80·20 80·28
6	78 · 78 78 · 95 79 · 03 79 · 37 79 · 62	87·45 8 87·70 8 87·95 8	8·12 83·0 7·95 82·9 7·87 82·9 7·78 82·9 7·70 82·3	5 80·70 5 80·70 7 80·62	79·78 79·78 79·87	81·70 82·20 82·28 82·37 82·45	82·12 82·03 81·95 81·87 81·78	$81 \cdot 03$ $81 \cdot 20$ $81 \cdot 37$ $81 \cdot 45$ $82 \cdot 12$	81·37 81·20 81·45 81·37 81·20	81·53 81·45 81·45 81·78 81·70	80·37 80·28 80·28 80·20 80·28
11	80.03 80.20 80.70 80.95 81.20	88-70 8 88-95 8 89-20 8	7·45 82·3 7·20 82·3 7·12 82·4 7·03 82·3 6·87 82·3	3 80 · 28 5 80 · 20 8 80 · 12		82·37 82·28 82·20 82·12 82·20	81·70 81·70 81·70 81·62 81·62	$\begin{array}{c} 82 \cdot 12 \\ 82 \cdot 12 \end{array}$	$81 \cdot 20$ $81 \cdot 20$ $81 \cdot 20$ $81 \cdot 20$ $81 \cdot 45$	81·37 81·37 81·37 81·37 81·28	80·37 80·37 80·37 80·37 80·53
16	81·20 81·20 81·37 81·53 81·70	89·70 8 89·70 8 89·70 8	6·78: 82·1 6·70 82·1 6·28 82·0 6·12 81·9 5·70 81·8	2 79·95 3 79·87 5 79·87	80·20 80·45 80·87 81·20 81·70	82·37 82·45 82·53 82·53 82·62	81 · 62 81 · 62 81 · 62 81 · 53 81 · 45	82 · 12 82 · 12 82 · 20 82 · 37 82 · 53	81·37 81·53 81·62 81·62 81·70	81·28 81·20 81·20 81·37 81·37	80 · 70 80 · 70 80 · 70 80 · 78 80 · 78
21. 22. 23. 24. 25.	$\begin{array}{c} 82 \cdot 20 \\ 82 \cdot 45 \\ 82 \cdot 70 \\ 83 \cdot 03 \\ 83 \cdot 12 \end{array}$	89 · 45 8 89 · 20 8 89 · 03 8	5·45 81·7 5·20 81·6 4·95 81·4 4·70 81·4 4·62 81·4	2 80 · 20 5 80 · 03 5 79 · 95	81·78 81·78 81·70 81·70 81·78	82 · 62 82 · 62 82 · 62 82 · 62 82 · 53	81-37 81-20 81-12 81-12 81-03	$\begin{array}{c} 82 \cdot 53 \\ 82 \cdot 37 \\ 82 \cdot 20 \\ 82 \cdot 12 \\ 81 \cdot 70 \end{array}$	81·70 81·62 81·70 81·70 81·70	81·37 81·37 81·45 81·45 81·45	80 · 78 80 · 70 80 · 70 80 · 70 80 · 70
26	83·37 83·70 83·70 84·12 84·20	88 · 53 8 88 · 53 8 88 · 53 8 88 · 45 8	4·45 81·3 4·20 81·3 3·95 81·2 3·87 81·2 3·53 81·2 81·2	7 79·70 8 79·70 8 79·62 8 79·62	81·78 81·70 81·70 81·70 81·70	82 · 53 82 · 62 82 · 62 82 · 62 82 · 53 82 · 53	80-95 80-95 80-87 80-87 80-78	81·70 81·62 81·37 81·28 81·20 81·20	82 · 20 .	81·45 81·37 81·23	80.78 80.78 80.70 80.70 80.45 80.63

 $\mbox{\bf 6 GEORGE V, A. 1916} \\ \mbox{\bf ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1873–74}.$

										Т	ABLE	No. 411.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	80·70 81·20 81·70 82·03 82·28	86.95 87.03 87.12 87.28 87.45	92·03 91·20 90·95 90·70 90·45	84·70 84·62 84·62 84·45 84·37	81·87 81·87 81·78 81·78 81·70	79-95 79-87 79-87 79-95 79-95	80 · 28 80 · 62 81 · 03 81 · 45 81 · 78	83·12 83·20 83·20 83·28 83·28	82 · 53 82 · 45 82 · 20 82 · 20 82 · 37	81·70 81·53 81·20 81·03 81·12	82 · 95 83 · 03 82 · 78 82 · 78 82 · 70	80·45 80·20 80·12 80·70 81·20
6	82 · 53 83 · 03 83 · 20 83 · 53 83 · 70	87·70 87·95 88·28 88·70 89·20	90·20 89·70 89·20 89·03 88·95	84 · 20 84 · 12 83 · 95 83 · 78 83 · 70	81 · 53 81 · 53 81 · 45 81 · 37 81 · 37	79-87 79-78 79-70 79-62 79-53	82 · 20 82 · 45 82 · 62 82 · 62 82 · 62	83 · 37 83 · 28 83 · 12 83 · 03 82 · 70	$82 \cdot 53$ $82 \cdot 70$ $82 \cdot 53$ $82 \cdot 20$ $81 \cdot 95$	81·20 81·12 81·20 81·12 81·70	$82 \cdot 70$ $82 \cdot 53$ $82 \cdot 20$ $81 \cdot 95$ $81 \cdot 70$	$81 \cdot 70$ $82 \cdot 20$ $82 \cdot 28$ $82 \cdot 03$ $81 \cdot 70$
11	84 · 20 84 · 70 85 · 28 85 · 70 86 · 20	89·70 90·03 90·20 90·45 91·20	88 · 87 88 · 78 88 · 53 88 · 45 88 · 20	83 · 62 83 · 53 83 · 37 83 · 37 83 · 28	81·28 81·28 81·20 81·20 81·12	79·45 79·45 79·45 79·45 79·45	82·53 82·53 82·45 82·28 82·20	82 · 70 82 · 62 82 · 53 82 · 45 82 · 37	81 · 70 81 · 78 81 · 87 82 · 03 81 · 87	82 · 20 82 · 45 82 · 53 82 · 53 82 · 62	81 · 87 81 · 95 81 · 70 81 · 62 81 · 45	81.45 81.95 81.70 81.45 81.20
16	86·70 86·95 87·12 87·20 87·28	91·28 91·45 91·53 91·70 91·70	87 · 95 87 · 45 86 · 95 86 · 87 86 · 78	83·20 83·12 82·95 82·95 82·78	81-03 81-03 80-95 80-87 80-78	79·45 79·45 79·45 79·45 79·45	82 · 12 82 · 20 82 · 37 82 · 45 82 · 62	82 · 28 82 · 28 82 · 20 82 · 12 82 · 12	81 · 87 81 · 95 81 · 95 82 · 03 82 · 12	82 · 70 82 · 70 82 · 62 82 · 45 82 · 28	81 · 45 81 · 87 82 · 20 82 · 12 82 · 03	80·87 80·45 80·28 80·70 81·12
21	87 · 53 87 · 70 87 · 70 87 · 53 87 · 45	91·70 91·62 91·45 91·20 91·20	86-62 86-62 86-37 86-20 85-95	82·70 82·53 82·45 82·28 82·20	80·70 80·62 80·53 80·45 80·37	79·45 79·53 79·62 79·70 79·70	82·70 82·78 82·78 82·78 82·87	81.95 81.95 81.78 81.78 81.87	82 · 20 82 · 12 81 · 95 81 · 78 81 · 70	82·20 82·28 82·37 82·70 82·78	82 · 03 81 · 95 81 · 78 81 · 70 81 · 70	$\begin{array}{c} 81 \cdot 20 \\ 81 \cdot 70 \\ 82 \cdot 20 \\ 83 \cdot 37 \\ 82 \cdot 70 \end{array}$
26 27 28 29 31	87·37 87·20 87·03 86·95 86·87	$\begin{array}{c} 91 \cdot 45 \\ 91 \cdot 70 \\ 91 \cdot 70 \\ 92 \cdot 20 \\ 92 \cdot 20 \\ 92 \cdot 03 \end{array}$	85·70 85·37 85·20 85·03 84·95	82 · 20 82 · 12 82 · 12 82 · 03 81 · 95 81 · 87	80·28 80·20 80·12 80·12 80·03 79·95	79·95 80·03 80·12 80·20 80·28	82 · 87 82 · 87 82 · 95 82 · 95 83 · 03 83 · 12	81·87 82·03 82·20 82·45 82·70	81.87 81.87 91.87 81.78 81.95 82.03	82-95 83-20 83-20 83-03 83-03 82-95	81 · 20 80 · 95 80 · 87	82·20 82·37 82·20 81·95 81·70 81·70

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1874-75.

										T.	ABLE 1	No. 412.
1 2 3 4 5	81 · 53 81 · 45 81 · 20 80 · 95 80 · 78	82 · 70 82 · 70 82 · 70 82 · 87 82 · 87	90 · 20 90 · 12 90 · 03 90 · 03 89 · 87	87 · 45 87 · 37 87 · 12 86 · 87 86 · 70	81·70 81·53 81·53 81·45 81·45	79·45 79·37 79·28 79·20 79·12	78 · 62 78 · 53 78 · 70 78 · 70 78 · 70	78 · 78 78 · 70 78 · 70 78 · 70 78 · 70	78 · 45 78 · 70 79 · 03 79 · 28 79 · 03	80 · 53 80 · 53 80 · 37 80 · 28 79 · 95	81·37 81·45 81·28 81·53 81·70	81·03 81·12 81·12 81·20 81·70
6 7 8 9	80·70 80·70 80·70 80·53 80·53	83 · 20 83 · 37 83 · 70 84 · 20 84 · 53	89·70 89·53 89·37 89·37 89·28	86·45 86·37 86·20 86·03 85·95	$81 \cdot 37$ $81 \cdot 28$ $81 \cdot 20$ $81 \cdot 12$ $81 \cdot 12$	79·12 79·03 79·03 79·03 79·03 78·95	78·70 78·78 78·78 78·78 78·78 78·87	78 · 87 78 · 87 78 · 95 78 · 95 78 · 95 79 · 03	78 · 95 78 · 95 78 · 95 78 · 95 78 · 95 78 · 87	$\begin{array}{c} 79 \cdot 95 \\ 79 \cdot 95 \\ 80 \cdot 12 \\ 80 \cdot 20 \\ 80 \cdot 20 \end{array}$	$81 \cdot 70$ $81 \cdot 95$ $82 \cdot 03$ $82 \cdot 03$ $81 \cdot 95$	$81 \cdot 70$ $81 \cdot 45$ $81 \cdot 45$ $81 \cdot 28$ $81 \cdot 12$
11 12 13 14 15	80·45 80·45 80·45 80·45 80·95	84 · 95 85 · 53 85 · 87 86 · 20 86 · 45	89·12 88·87 88·78 88·95 88·95	85·87 85·70 85·53 85·37 85·20	81 · 03 81 · 03 80 · 95 80 · 87 80 · 70	78-95 78-87 78-87 78-87 78-87	78-87 78-87 78-87 78-78 78-78	79·03 79·03 79·03 79·03 79·03	79·03 79·28 80·12 80·03 80·28	80 · 20 80 · 70 80 · 70 80 · 70 80 · 87	$81 \cdot 87$ $81 \cdot 70$ $81 \cdot 70$ $81 \cdot 53$ $81 \cdot 53$	81·03 80·95 80·70 80·70 80·37
16 17 18 19 20	$\begin{array}{c} 81 \cdot 45 \\ 81 \cdot 70 \\ 82 \cdot 20 \\ 82 \cdot 45 \\ 82 \cdot 70 \end{array}$	86·53 86·95 87·20 87·45 88·20	88 · 95 88 · 95 88 · 95 89 · 12 89 · 12	85·03 84·87 84·70 84·28 84·62	80 · 62 80 · 53 80 · 37 80 · 20 80 · 03	78 · 87 78 · 78 78 · 78 78 · 78 78 · 79	78-78 78-87 78-87 78-87 78-87	79·03 79·03 79·03 79·03 79·03	80·28 80·28 80·28 80·28 80·20	$\begin{array}{c} 81 \cdot 03 \\ 81 \cdot 20 \\ 81 \cdot 20 \\ 80 \cdot 95 \\ 80 \cdot 95 \end{array}$	81·70 81·70 81·45 81·45 81·45	80·20 79·95 79·95 79·95 79·87
21 22 23 24 25	82·70 82·70 82·78 82·78 82·70	88·70 89·20 89·45 90·20 90·20	89·28 89·37 89·45 89·45 89·20	83·78 83·37 83·03 82·87 82·78	79·95 79·87 79·87 79·78 79·70	78·70 78·70 78·62 78·62 78·62	78 · 78 78 · 78 78 · 78 78 · 70 78 · 70	79-03 78-95 78-87 78-87 78-87	80·20 80·12 80·12 80·12 79·95	$81 \cdot 03$ $81 \cdot 20$ $80 \cdot 95$ $81 \cdot 20$ $81 \cdot 20$	81·37 81·28 81·03 80·95 80·87	79·70 79·70 79·62 79·62 79·62
26 27 28 29 30 31	82·70 82·62 82·53 82·45 82·45	89-95 89-95 89-87 89-87 89-87 89-87	88-95 88-70 88-45 88-20 87-87	$\begin{array}{c} 82\cdot 53 \\ 82\cdot 45 \\ 82\cdot 20 \\ 82\cdot 20 \\ 82\cdot 20 \\ 82\cdot 20 \end{array}$	79 · 62 79 · 62 79 · 53 79 · 53 79 · 45 79 · 45	78 · 53 78 · 53 78 · 53 78 · 53 78 · 53	78 · 62 78 · 62 78 · 62 78 · 53 78 · 62 78 · 70	78 · 87 78 · 70 78 · 45 78 · 45 78 · 20	79 · 95 79 · 95 80 · 20 80 · 28 80 · 28 80 · 37		80·70 80·87 80·95	79 · 62 79 · 62 79 · 62 79 · 53 79 · 53 79 · 53

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1875-76.

TABLE No. 413.

Day. A	pril.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
		83·70 84·03 84·12 84·28 84·45	89-45 89-12 89-03 88-70 88-37	83·37 83·28 83·20 83·12 82·95	81·37 · 81·28 · 81·20 · 81·12 · 80·95		79·62 79·62 79·70 79·78 79·78	81·12 81·12 81·20 81·20 81·28	82·12 81·78 81·45 81·53 81·45	79·95 79·78 80·20 80·95 80·78	82·45 82·12 82·70 82·28 81·95	81·20 80·70 79·95 79·95 79·70
6		$\begin{array}{c} 84 \cdot 70 \\ 85 \cdot 20 \\ 85 \cdot 70 \\ 86 \cdot 20 \\ 86 \cdot 70 \end{array}$	87 · 95 87 · 62 87 · 37 87 · 28 87 · 03	82 · 87 82 · 78 82 · 70 82 · 62 82 · 53	80·78 80·70 80·70 80·70 80·70		79.87 79.87 80.03 89.03 80.12	$\begin{array}{c} 81 \cdot 28 \\ 81 \cdot 28 \end{array}$	81 · 28 81 · 12 81 · 12 80 · 95 80 · 70	$\begin{array}{c} 80 \cdot 70 \\ 81 \cdot 20 \\ 81 \cdot 70 \\ 82 \cdot 20 \\ 82 \cdot 95 \end{array}$	82 · 12 80 · 70 80 · 45 81 · 70 80 · 95	79·70 79·70 80·20 80·70 80·95
11 12 13 14 15		87 · 20 87 · 70 88 · 28 88 · 95 89 · 70	86.45 86.45 86.28 86.03 85.78	$82 \cdot 45$ $82 \cdot 37$ $82 \cdot 20$ $82 \cdot 12$ $81 \cdot 95$	80·70 80·70 80·70 80·70 80·95		80·20 80·28 80·45 80·62 80·70	$81 \cdot 28$	80·45 80·20 79·95 80·20 80·45	83 · 70 83 · 95 83 · 95 83 · 70 83 · 20	80 · 12 80 · 20 79 · 95 81 · 20 81 · 70	81·12 81·20 81·28 81·70 82·12
16 17 18 19 20		90·53 91·20 91·70 91·95 91·95	85 · 45 85 · 20 85 · 12 84 · 95 84 · 78	81 · 95 81 · 78 81 · 70 81 · 62 81 · 53	81 · 12 81 · 28 81 · 45 81 · 45 81 · 45		80·87 80·87 80·78 80·95 80·95	$81 \cdot 28$ $81 \cdot 20$ $81 \cdot 20$ $81 \cdot 12$ $81 \cdot 12$	80·53 80·53 80·53 80·70 80·70	82·70 82·20 81·70 80·70 80·95	81 · 45 81 · 95 81 · 87 82 · 12 82 · 12	82-45 81-95 81-70 81-45 81-20
21		91 · 70 91 · 70 91 · 53 91 · 45 91 · 12	84 · 62 84 · 45 84 · 12 83 · 78 83 · 70	81·45 81·45 81·45 81·45 81·45	81 · 45 81 · 45 91 · 45 81 · 37 81 · 28		89·87 80·87 80·87 80·87 80·87	81 · 12 81 · 03 81 · 03 81 · 03 81 · 03	81 · 12 80 · 78 80 · 53 80 · 95 80 · 95	81·20 81·12 81·20 81·20 81·20	80·45 80·45 81·53 82·20 82·45	80·95 80·70 80·70 80·20 80·20
26 · · · · · · · · · · · · · · · · · · ·		99 · 95 90 · 87 90 · 70 90 · 45 90 · 12 89 · 95	83 · 62 83 · 62 83 · 53 83 · 53 83 · 45	81 · 45 81 · 53 81 · 53 81 · 53 81 · 53 81 · 53	81·20 81·12 81·03 80·87 80·87 80·70		80·87 81·03 81·03 80·95 80·95 81·03	81·03 81·45 81·70 82·03 . 82·03	81 · 12 81 · 12 80 · 95 80 · 70 80 · 45 79 · 70	81 · 20 81 · 95 81 · 70 81 · 87 82 · 20 82 · 28	82 · 12 81 · 45 82 · 12 82 · 45	80·20 80·20 80·12 80·12 80·28 80·28

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1876-73.

TABLE No. 414. 80 - 20 89 - 20 93.03 86.95 82.03 79 - 53 80-12 81-12 82.03 80.95 80 - 20 89.20 92.62 86.78 79·53 79·53 79·53 80-20 81.20 82 · 12 81 · 87 82 · 20 80·78 80·70 80·45 79·78 79·78 79·78 80-12 89·45 89·70 92 · 20 91 · 87 86·53 86·37 81·87 81·87 80.28 81 · 37 81 · 20 80.45 80.28 86-28 80.53 79.78 90.20 81.53 82.70 79·87 79·87 79·95 79·95 80.20 $91 \cdot 20$ 86.03 79·28 79·20 79·12 89-62 81.37 80.45 82 · 70 82 · 45 82 · 20 82 · 20 82 · 45 80-12 90.62 90+87 90+70 90+53 85.87 81·37 81·28 80 - 70 81 - 12 80-45 90.70 85·70 85·53 85·37 79.12 80.20 92 - 28 81.20 89-95 81 - 53 92 - 95 79.03 80.98 $90 \cdot 20$ $81 \cdot 20$ 80.03 $\begin{array}{c} 82 \cdot 70 \\ 82 \cdot 95 \\ 83 \cdot 12 \\ 82 \cdot 95 \end{array}$ $85 \cdot 28 \\ 85 \cdot 12 \\ 85 \cdot 03$ 80.95 93 · 87 94 · 12 94 · 53 95 · 12 95 · 78 81·70 81·70 81·78 80.95 89·45 89·70 89·78 80·87 80·70 78 · 87 78 · 87 78 · 70 81 · 20 81 · 28 80·28 80·28 80.03 81·45 82·70 80·12 80·03 84.87 80 - 62 80.20 80.45 80 - 20 80.03 $82 \cdot 76 \\ 82 \cdot 87 \\ 82 \cdot 70$ 16 83 - 95 95-95 84 - 53 80.37 81-45 80-12 80.03 95.95 95.87 95.62 95.45 85·20 85·70 84.37 80.28 81 · 70 81 · 78 81 · 95 89·70 89·70 84 - 20 80 - 20 78-62 81 · 45 81 · 37 89-03 85.95 86.45 79 · 95 79 · 95 84 - 03 80 - 12 83.03 83 - 95 80.03 79.87 79.87 79.87 79.87 79.87 81-45 81.78 $\begin{array}{c} 82 \cdot 70 \\ 82 \cdot 70 \\ 82 \cdot 53 \end{array}$ 95.37 79 - 95 86.53 $83 \cdot 70$ 79.87 79.87 79.78 79.78 86 · 62 86 · 95 87 · 20 87 · 87 79.95 79.95 81.95 $95 \cdot 20$ $94 \cdot 95$ $94 \cdot 78$ 89·12 88 95 83 53 83 37 79.95 81.28 82 - 20 82 · 62 82 · 12 $94 \cdot 53$ 88 - 53 81-28 82.70 79·78 79·78 79·78 88 · 12 87 · 78 87 · 53 87 · 37 79.87 79.70 79.62 79.62 79.53 78 · 70 78 · 70 78 · 70 78 · 70 78 · 70 94 · 20 94 · 03 82 · 53 82 · 45 82 · 28 81 · 20 81 · 12 81·70 81·70 81·70 81 · 70 81 · 20 81 · 20 79 · 95 80 · 03 88 - 95 93.70 $93 \cdot 53$ 81.12 80 - 45 $93 \cdot 28$ 82 - 12 81.90 80.45

6 GEORGE V, A. 1916 ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1877–78.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	80·70 80·78 80·87 80·95 81·12	85·45 85·45 85·37 85·28 85·26	83·62 83·53 83·45 83·28 83·20	81·70 81·70 81·70 81·70 81·70	80·37 80·37 80·28 80·20 80·20	79·28 79·20 79·20 79·20 79·20	78·53 78·62 78·70 78·70 78·87	79·78 79·78 79·87 79·87 79·87	82·37 82·37 82·37 82·45 82·45	82·12 82·45 82·28 82·12 82·12	81·45 81·70 81·53 81·37 81·20	79·7 79·8 79·7 79·6 79·5
6	81 · 28 81 · 53 81 · 78 81 · 95 82 · 03	85·12 84·95 84·70 84·45 84·37	83·03 82·95 82·78 82·70 82·53	81 · 62 81 · 62 81 · 45 81 · 45 81 · 45	80·12 79·95 79·87 79·95 79·87	79·20 79·12 79·12 79·03 79·03	78·87 78·78 78·70 78·78 78·78	79·95 89·03 80·12 80·20 80·37	82·53 82·53 82·70 82·70 83·03	81·95 81·70 81·37 81·70 81·45	81·03 80·95 80·78 80·70 80·70	79·5 79·6 79·7 79·7 79·9
1 2 3 4	$\begin{array}{c} 82 \cdot 03 \\ 82 \cdot 03 \\ 82 \cdot 20 \\ 82 \cdot 20 \\ 82 \cdot 20 \end{array}$	84·28 84·20 84·20 84·20 84·20	$82 \cdot 37$ $82 \cdot 28$ $82 \cdot 20$ $82 \cdot 20$ $82 \cdot 12$	81 · 28 81 · 20 81 · 20 81 · 12 80 · 95	79·78 79·78 79·70 79·78 79·78	79·03 78·95 78·95 78·87 78·87	78·87 78·95 79·03 79·03 79·20	80·45 80·53 80·45 80·28 80·28	$83 \cdot 20$ $83 \cdot 12$ $83 \cdot 28$ $83 \cdot 20$ $82 \cdot 95$	81 · 20 81 · 45 81 · 28 81 · 70 81 · 53	80·78 80·87 80·95 80·95 80·95	80-2 80-3 80-4 80-8
6	82·28 82·37 82·45 82·45 82·95	84·20 84·20 84·20 84·20 84·20	82·03 82·03 81·95 81·87 81·87	80·87 80·70 80·78 80·70 80·70	79·78 79·78 79·78 79·78 79·87	78 · 87 78 · 78 78 · 78 78 · 78 78 · 78 78 · 78	79·28 79·45 79·53 79·53 79·62	80·37 80·45 80·70 80·78 80·78	82·45 82·20 82·20 84·12 83·70	81·70 81·45 81·28 81·20 81·12	81.03 81.03 81.03 81.03 80.95	80 · · 81 · · 81 · 81 · 81 ·
1	83 · 45 84 · 28 84 · 45 84 · 62 84 · 87	84·20 84·20 84·12 84·12 84·03	81.87 81.95 81.95 81.95 81.95	80·70 80·70 80·70 80·62 80·53	79·87 79·78 79·70 79·62 79·53	78·70 78·70 78·62 78·62 78·53	79·70 79·78 79·78 79·87 79·87	80·87 81·03 81·20 81·37 81·53	83 · 12 82 · 95 82 · 70 82 · 20 82 · 20	80 · 95 81 · 20 81 · 03 81 · 20 81 · 45	80·87 80·87 80·95 80·87 80·78	80 · 80 · 80 · 80 · 80 · 80 · 80 · 80 ·
3	84 · 95 85 · 12 85 · 45 85 · 45 85 · 45	84·03 84·03 83·95 83·87 83·78 83·70	81 · 87 81 · 78 81 · 70 81 · 70 81 · 70	80-53 80-45 80-53 80-45 80-37 80-37	79·45 79·45 79·37 79·37 79·37 79·37 79·28	78 · 53 78 · 53 78 · 53 78 · 53 78 · 53 78 · 53	79·87 79·87 79·87 79·87 79·87 79·87	81 · 87 82 · 03 82 · 28 82 · 28 82 · 28	82·20 82·12 82·12 81·95 81·95 81·95	81 · 70 81 · 45 81 · 53 82 · 12 82 · 12 81 · 95	80·78 80·70 80·53	80 · 80 · 80 · 80 · 80 · 80 · 80 · 80 ·

ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1878-79.

										TA	BLE N	o. 416.
1	80·45 80·70 80·70 80·45 80·70	83 · 95 84 · 12 84 · 28 84 · 70 84 · 70	83 · 70 83 · 70 83 · 62 83 · 45 83 · 28	82 · 03 83 · 03 82 · 12 82 · 12 82 · 03	80 · 20 80 · 28 80 · 20 80 · 03 80 · 03	79-62 79-62 79-53 79-45 79-37	81 · 12 81 · 12 81 · 12 81 · 12 81 · 12	85·37 85·37 85·20 84·95 84·87	84 · 45 84 · 45 84 · 37 84 · 53 84 · 45	85 · 20 84 · 70 84 · 45 84 · 12 84 · 20	81·12 81·20 81·28 81·20 81·20	82·12 82·20 82·03 81·95 82·12
6	80·87 80·95 81·20 81·37 81·53	84 · 87 85 · 03 85 · 28 85 · 45 85 · 70	$\begin{array}{c} 83 \cdot 28 \\ 83 \cdot 20 \\ 83 \cdot 20 \\ 83 \cdot 20 \\ 83 \cdot 28 \end{array}$	$81 \cdot 95$ $81 \cdot 95$ $81 \cdot 78$ $81 \cdot 53$ $81 \cdot 45$	80·12 80·12 80·20 80·28 80·28	$\begin{array}{c} 79 \cdot 37 \\ 79 \cdot 28 \\ 79 \cdot 28 \\ 79 \cdot 20 \\ 79 \cdot 20 \\ 79 \cdot 20 \end{array}$	81·12 81·03 81·03 80·95 81·03	84·70 84·62 84·62 84·45 84·37	84 · 20 84 · 12 84 · 37 84 · 45 84 · 70	84 · 28 84 · 12 83 · 95 83 · 95 83 · 70	81·12 81·20 80·95 81·03 80·95	$82 \cdot 20$ $81 \cdot 95$ $81 \cdot 87$ $81 \cdot 95$ $81 \cdot 70$
11	$\begin{array}{c} 81 \cdot 95 \\ 82 \cdot 20 \\ 82 \cdot 53 \\ 82 \cdot 95 \\ 83 \cdot 12 \end{array}$	85·70 85·70 85·53 85·45 85·37	$83 \cdot 20$ $83 \cdot 12$ $83 \cdot 03$ $82 \cdot 95$ $82 \cdot 78$	$81 \cdot 45$ $81 \cdot 37$ $81 \cdot 28$ $81 \cdot 12$ $81 \cdot 12$	80·28 80·28 80·28 80·28 80·28	$\begin{array}{c} 79 \cdot 20 \\ 79 \cdot 20 \\ 79 \cdot 20 \\ 79 \cdot 12 \\ 79 \cdot 12 \\ 79 \cdot 12 \end{array}$	$81 \cdot 03$ $81 \cdot 12$ $81 \cdot 12$ $81 \cdot 20$ $81 \cdot 45$	84 · 28 84 · 20 84 · 12 83 · 95 83 · 87	84 · 53 84 · 37 84 · 70 84 · 95 85 · 20	83·70 83·20 83·28 83·95 83·70	81·12 81·28 81·45 81·70 81·20	81·70 81·70 81·95 81·87 81·78
16	83 · 20 83 · 45 83 · 53 83 · 70 83 · 70	85 · 28 85 · 12 85 · 12 85 · 03 84 · 95	82·70 82·70 82·70 82·53 82·45	81·03 80·95 80·95 80·87 80·87	80 · 28 80 · 37 80 · 45 80 · 53 80 · 45	$\begin{array}{c} 79 \cdot 12 \\ 79 \cdot 20 \\ 79 \cdot 20 \\ 79 \cdot 53 \\ 79 \cdot 95 \end{array}$	81·53 81·70 81·95 82·28 82·45	83·87 83·70 83·70 83·70 83·70	85·20 85·20 85·20 85·45 85·45	$83 \cdot 45$ $83 \cdot 28$ $83 \cdot 20$ $82 \cdot 95$ $82 \cdot 53$	81·45 81·70 82·20 81·95 82·45	81·70 81·95 82·12 81·95 81·95
21	83·70 83·70 83·70 83·70 83·70	84 · 87 84 · 87 84 · 70 84 · 70 84 · 62	82·37 82·28 82·37 82·28 82·20	80·78 80·78 80·53 80·53 80·45	80·37 80·28 80·12 80·03 79·95	80·12 80·45 80·70 80·95 81·12	82·45 82·95 83·28 83·45 83·78	83 · 53 83 · 37 83 · 62 83 · 95 84 · 20	85·70 85·70 85·45 85·45 85·53	$\begin{array}{c} 82 \cdot 28 \\ 82 \cdot 20 \\ 82 \cdot 12 \\ 82 \cdot 03 \\ 82 \cdot 12 \end{array}$	$\begin{array}{c} 82 \cdot 28 \\ 82 \cdot 12 \\ 81 \cdot 95 \\ 82 \cdot 20 \\ 82 \cdot 12 \end{array}$	82.63 81.95 81.70 81.87 81.95
26	83·70 83·70 83·70 83·70 83·70	$84 \cdot 45$ $84 \cdot 45$ $84 \cdot 37$ $84 \cdot 37$ $84 \cdot 28$ $84 \cdot 12$	82·20 82·20 82·20 82·20 82·12	$\begin{array}{c} 80 \cdot 37 \\ 80 \cdot 28 \\ 80 \cdot 20 \\ 80 \cdot 20 \\ 80 \cdot 12 \\ 80 \cdot 12 \end{array}$	79.87 79.87 79.78 79.78 79.70 79.70	81·20 81·20 81·12 81·12 81·12	$\begin{array}{c} 84 \cdot 12 \\ 84 \cdot 37 \\ 84 \cdot 70 \\ 84 \cdot 95 \\ 85 \cdot 12 \\ 85 \cdot 37 \end{array}.$	84 · 28 84 · 28 84 · 37 84 · 45 84 · 45	85·70 85·95 85·45 85·95 85·95 85·53	82·03 81·95 81·70 81·53 81·28 81·20		$81 \cdot 53$ $81 \cdot 53$ $81 \cdot 70$ $81 \cdot 53$ $81 \cdot 53$ $81 \cdot 53$

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1879-80.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	81·70 81·95	87 · 20 87 · 70	88-53 88-28	83 · 70 83 · 53	82·12 81·95	79·78 79·78	79-87 79-78	78-87 78-78	79.87		81 · 95 82 · 20	80 · 20 80 · 12
3 4 5	81·95 82·20 82·12	88·12 88·28 88·95	88 · 12 87 · 95 87 · 70	83 · 45 83 · 28 83 · 26	\$1.87 \$1.70 \$1.53	79·78 79·70 79·70	79-78 79-70 79-70	78 · 70 78 · 62 78 · 62	79.87		82 · 45 82 · 28 82 · 12	80 · 28 80 · 37 80 · 45
6 7 8	82·28 82·20 82·20	89-20 89-45 89-37	87-45 87-28 87-12	83·03 82·95 82·87	81·37 81·28 81·20	79·70 79·70 79·70	79-62 79-53 79-53	78 · 62 78 · 62 78 · 62	80.28		81 · 70 81 · 28 81 · 70	80 · 70 80 · 95
9	82·28 82·20	89-37 89-45	86·95 86·70	82·70 82·62	81·03 80·95	79.62 79.62 79.62	79·53 79·53	78 · 62 78 · 62 78 · 62	80.70		81·45 80·95	81 · 20 81 · 28 81 · 53
11 12 13	82·28 82·28 82·45	89.53 89.53 89.62	86 · 53 86 · 37 86 · 20	82 · 53 82 · 53 82 · 53	80 · 87 80 · 70 80 · 62	79-62 79-62 79-621	79·45 79·45 79·45	78-62 78-62 78-62	81 - 45		80·70 80·78 80·45	81·70 81·87 81·70
14	82·70 83·12	89·95 90·20	86·12 86·03	82·62 82·53	80·53 80·45	79-62! 79-70.	79·45 79·45	78-62 78-78	81 · 45 81 · 70		80·37 80·28	81 · 53 81 · 37
16 17 18	83 · 20 83 · 37 83 · 53	90·45 90·95 91·28	85·95 85·87 85·70	82·45 82·37 82·37	80·45 80·37 80·28	79·78: 79·87! 79·95;	79·37 79·37 79·37	78 · 95 79 · 03 79 · 12	81·87 82·12		80 · 45 80 · 70 80 · 87	81 · 45 81 · 20 80 · 95
1920	83·70 83·95	91·95 92·20	85 · 53 85 · 45	82·37 82·37	80·20 80·20	79 · 95 ' 80 · 03	79·37 79·28	79·20 79·28	82.70		80·53 80·70	80·70 80·45
21 22 23	84 · 12 84 · 45 84 · 53	92·12 91·95 91·70	85·28 85·12 85·03	82·45 82·45	89·12 89·12 80·12	80 · 03 80 · 03 80 · 03	79·28 79·20 79·20	79·20 79·20 79·20	82·78 83·03		80·95 80·70 80·45	80·45 80·53 80·45
24	84·70 84·95	91·45 91·20	84 · 95 84 · 70	82·45 82·37	80·12 80·12	80.03	79·20 79·20	79·12 79·12	83 - 28		80·70 80·95	80·45 80·28
26 27 28	85·12 85·45 85·95	90·70 90·37 90·20	84·53 84·37 84·12	82·37 82·37 82·37	80·03 80·03 79·95	79-95 79-95 79-95	79·12 79·03 79·03	79·20 79·20 79·37	83·20 83·12 83·20		80·70 80·45 80·45	80·20 80·12 79·93
29 30 31	86·20 86·70	89 · 95 89 · 45 88 · 95	84·03 83·95	82 · 37 82 · 37 82 · 37	79·95 79·95 79·87	79·87 79·87	78-95 78-95 78-95	79·53 79·70	83 · 12 83 · 28 83 · 70			79·95 79·95 79·95

ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1880-81.

										TA	BLE N	o 418.
1	$80 \cdot 12$ $80 \cdot 28$ $80 \cdot 53$ $81 \cdot 45$ $82 \cdot 20$	88 · 62 88 · 70 88 · 78 88 · 87 89 · 03	$\begin{array}{c} 90 \cdot 87 \\ 90 \cdot 78 \\ 90 \cdot 53 \\ 90 \cdot 28 \\ 90 \cdot 12 \end{array}$	85 · 45 85 · 20 85 · 03 84 · 78 84 · 45	82·12 82·03 81·95 81·87 81·70	79-87 79-87 79-87 79-87 79-87	79-20 79-20 79-37 79-53 79-78	81·20 81·20 81·20 81·03 81·12	83 · 70 84 · 20 84 · 70 84 · 20 83 · 70	82.70 81.20 80.45 81.20 81.70	82·70 83·20 84·20 83·95 83·70	80·45 80·78 80·70 80·95 81·12
6	82·70 84·20 84·70 84·53 84·45	89·12 89·20 89·45 89·78 90·20	$89 \cdot 95$ $89 \cdot 70$ $89 \cdot 53$ $89 \cdot 37$ $89 \cdot 28$	84·37 84·20 84·03 83·87 83·70	81 · 53 81 · 37 81 · 20 81 · 12 81 · 03	79.87 79.87 79.87 79.95 79.95	89 · 03 · 80 · 12 80 · 20 80 · 28 80 · 37	$81 \cdot 20$ $81 \cdot 45$ $81 \cdot 78$ $82 \cdot 20$ $82 \cdot 95$	83 · 12 83 · 70 84 · 20 83 · 70 83 · 95	81 · 95 82 · 70 82 · 70 83 · 20 84 · 45	$82 \cdot 95$ $81 \cdot 28$ $81 \cdot 45$ $81 \cdot 28$ $80 \cdot 95$	80·95 81·12 81·20 80·95 80·70
11	84 · 45 84 · 45 84 · 45 84 · 45 84 · 45	$90 \cdot 53$ $90 \cdot 95$ $91 \cdot 28$ $91 \cdot 53$ $91 \cdot 87$	$\begin{array}{c} 89 \cdot 20 \\ 89 \cdot 12 \\ 89 \cdot 03 \\ 88 \cdot 95 \\ 88 \cdot 87 \end{array}$	$83 \cdot 53$ $83 \cdot 45$ $83 \cdot 28$ $83 \cdot 12$ $83 \cdot 03$	81 · 03 80 · 95 80 · 87 80 · 87 80 · 78	79·95 79·95 79·95 79·87 79·78	80·45 80·53 80·45 80·37 80·37	$\begin{array}{c} 84 \cdot 12 \\ 85 \cdot 20 \\ 85 \cdot 95 \\ 86 \cdot 28 \\ 86 \cdot 20 \end{array}$	83·70 83·45 82·95 82·70 82·45	82·70 82·95 82·70 82·20 83·20	80·53 80·70 80·53 80·70 80·95	80·95 80·70 80·45 80·28 80·20
16	$84 \cdot 53$ $84 \cdot 70$ $84 \cdot 95$ $85 \cdot 20$ $85 \cdot 53$	$\begin{array}{c} 92 \cdot 12 \\ 92 \cdot 28 \\ 92 \cdot 45 \\ 92 \cdot 37 \\ 92 \cdot 20 \end{array}$	88·70 88·53 88·37 88·12 87·87	82·87 82·70 82·53 82·37 82·37	80 · 70 80 · 62 80 · 53 80 · 45 80 · 45	79·70 79·62 79·62 79·62 79·53	80 · 45 80 · 53 80 · 62 80 · 78 80 · 95	86 · 20 86 · 20 86 · 20 86 · 03 85 · 70	82·20 82·37 82·70 82·95 82·70	$82 \cdot 70$ $82 \cdot 95$ $83 \cdot 20$ $82 \cdot 70$ $81 \cdot 70$	81 · 20 81 · 45 81 · 37 81 · 45 81 · 70	80·20 80·70 80·95 81·20 81·45
	85 · 95 86 · 20 86 · 45 86 · 78 87 · 03	$92 \cdot 03$ $91 \cdot 95$ $91 \cdot 78$ $91 \cdot 70$ $91 \cdot 62$	87·53 87·28 87·12 86·87 86·53	82·37 82·37 82·28 82·28 82·28	80·37 80·28 80·20 80·12 80·03	79·45 79·45 79·37 79·28 79·20	80 · 95 80 · 95 81 · 03 81 · 03 81 · 03	85·28 85·12 84·87 85·12 84·95	82·53 82·45 82·70 82·53 82·20	$\begin{array}{c} 81 \cdot 70 \\ 82 \cdot 20 \\ 82 \cdot 12 \\ 82 \cdot 20 \\ 82 \cdot 28 \end{array}$	$81 \cdot 45 \\ 81 \cdot 70 \\ 81 \cdot 45 \\ 81 \cdot 70 \\ 82 \cdot 12$	81 · 95 82 · 28 82 · 70 82 · 45 82 · 20
28 29 30	87 · 53 87 · 78 88 · 03 88 · 20 88 · 45	91·53 91·37 91·20 91·20 91·12 91·03	86 · 28 86 · 03 85 · 95 85 · 78 85 · 70	$\begin{array}{c} 82 \cdot 20 \\ 82 \cdot 37 \\ 82 \cdot 28 \\ 82 \cdot 28 \\ 82 \cdot 20 \\ 82 \cdot 20 \end{array}$	80·03 80·03 80·03 79·95 79·95 79·95	79·20 79·20 79·20 79·20 79·20	81·12 81·12 81·12 81·12 81·20 81·20	84·70 84·53 84·20 83·70 83·95	$\begin{array}{c} 82 \cdot 70 \\ 83 \cdot 20 \\ 83 \cdot 70 \\ 83 \cdot 95 \\ 84 \cdot 20 \\ 84 \cdot 20 \end{array}$	82·20 82·45 82·70 82·20 82·70 83·20	81·45 80·70 80·20	81·79 81·45 81·20 80·95 80·70 80·53

6 GEORGE V, A. 1918

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1881-82.

TABLE No. 419.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
	80-87	86-70	89 - 20	82.78	79-87	78-45			84-62	87-20	84 - 87	85.70
	80·78 80·70	87·37 88·20	88-95 88-87	82·53 82·37	79·87 79·78	78 · 45 78 · 45			84 · 78 84 · 87	88 · 12 87 · 95	84 · 78 84 · 70	86 · 20 87 · 20
	80-53	88.37	88 - 53	82.20	79.70	78-45			84.95	88-70	84-87	87.87
	80.37	88 - 45	88.37	82 · 12	79 - 70	78-45			85.03	87.37	84.95	87.70
	80.20	88-62	88 - 20	81.95	79 - 70	78-45			85.03	87-45	85.03	87-45
	80.03	88 - 37	87 · 78 87 · 53	81 · 78 81 · 53	79·70 79·62	78 · 45 78 · 37			85 · 03 84 · 53	86 · 70 85 · 70	84 · 95 85 · 12	87 · 28 87 · 20
	79·95 79·95	88·37 88·37	87.28	81.37	79 - 52	78-28			85.03	85 - 53	84.87	86-95
	79.95	88-45	87.12	81.28	79.45	$78 \cdot 28$		84 - 53	85.20	85.45	84 - 70	86.98
	79.95	88-70	86-87	81.20	79.37	78 - 28		84-45	86.20	85-37	84.70	86.78
	79.95	88-95	86.70	81 - 20	79.37	78-20		84 · 45 84 · 45	86 · 95 84 · 70	85·45 85·28	84 - 53	86.7
	79 · 95 80 · 12	89·12 89·53	86 · 45 86 · 20	81 · 03 80 · 87	79 · 28 79 · 20	78 · 12 78 · 12		84 - 45	85.20	85 - 45	84 · 53 84 · 62	86-4
	80-12	89.87	85.95	80.70	79.12			84 - 45	85.70	85.28	84.70	86.2
	80-20	90.45	85.70	80-62	79 - 03	77-95		84-37	86.95	85-12	84-95	86-2
	80.20	90.87	85.45	80 · 53	79.03			84 - 45	87-12	84-87	85-20	86-1
	80·37 80·53	90·87 90·95	85 · 20 84 · 95	80·37 80·28	79-03 78-95			84 · 95 84 · 95	84 · 95 84 · 87	85-45 85-70	86 · 45 86 · 20	85-9 85-9
	80.53	90.95	84.70	80.20	78-95			84.78	84.70	86-20	86.28	85.9
	80.70	90.87	84 - 45	80.20	78-95	78 - 03		84 - 70	84 - 70	86-45	85.95	85-9
	80.87	90.87	84-20	80.03	78 - 95			84 - 70	84 - 70	86.28	85.45	85.9
	81 · 12 81 · 28	90·78 90·70	83 · 95 83 · 78	79·95 79·87	78-87 78-87	77 · 95 77 · 95		84 · 78 84 · 53	84-95 84-87	85·95 86·20	85-37 85-37	85-9 85-9
	81 - 28	90.45	83-78	79.95	78.78	77.95		84 - 53	84.78	85.20	85-45	
	82-20	90 - 20	83-37	80.03	78.70	77.95		84 - 53	84 - 70	85.28	85-45	85.7
	82-87	89.95	83 - 28	80.03	78 - 70	77-87		84 - 53	84.78	85.45	85-45	86.0
	83 - 28	89.87	83 - 20	80 · 03 80 · 03	78 · 62 78 · 62	77 - 87 77 - 87		84 · 53 84 · 53	84·70 84·62	85·20 85·12	85-45	86 · 2 86 · 3
	84 · 70 85 · 70	89·70 89·53	83 · 12 82 · 95	79 · 95	78-62	77-87		84.53	84.70	85-20		
	00-10	89 - 45	02.00	79.95	78 - 53					84.95		86.7

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1882-83.

TABLE No. 420. 87 · 50 87 · 42 87 · 33 87 · 17 86.78 86.87 86.87 86.95 $\begin{array}{c} 87 \cdot 00 \\ 87 \cdot 00 \\ 86 \cdot 92 \end{array}$ $87 \cdot 17 \\ 87 \cdot 08 \\ 87 \cdot 00$ 95.62 $\begin{array}{c} 91 \cdot 87 \\ 91 \cdot 70 \\ 91 \cdot 62 \end{array}$ 85.58 86 - 50 85.58 85.58 85.67 85.75 95·62 95·45 86.58 90 · 53 90 · 53 90.62 86-83 86-83 86-75 86·50 87·00 86-25 86-83 87 · 00 87 · 25 87 · 33 87 · 00 87 · 20 87 · 37 87 · 53 90.70 95-37 91.37 87.00 86.75 86-67 85.92 87.50 87.75 87.25 86.25 90-78 95·28 95·37 95·28 91 · 28 91 · 12 86.83 86.75 86.75 86-67 86 · 58 86 · 50 85.92 85.92 86-25 90-87 86.67 86.58 86-42 91.0390.95 86-50 86 - 42 88-20 95.20 86-00 90.7886.75 86-25 86.50 86 - 58 85.00 94.87 86.58 $88 \cdot 20$ 86 · 42 86 · 50 86 · 75 86 · 58 86 · 75 86 · 50 91 · 20 91 · 45 91 · 70 94 · 53 94 · 20 86.50 86-17 88 · 03 87 · 70 87 · 53 90.62 90.45 90.37 86-67 86 - 50 86.00 86-17 86-17 91.87 93.45 $90 \cdot 20$ 86-58 86-42 87 · 25 87 · 42 87 · 58 87 · 00 86.58 92.03 90.03 86.50 86 · 50 87 · 08 87 · 08 87 · 08 86-75 92·20 92·37 92·53 89 · 87 89 · 70 89 · 62 85-83 85-92 $93 \cdot 20$ $93 \cdot 20$ 86-33 86.50 86.58 85.00 87 · 50 87 · 42 87 · 50 87 · 50 87 · 42 89 - 53 92.78 93 - 20 89.37 86 · 58 86 · 50 85-00 85-17 85-25 90.03 86.75 85.83 89-03 88-87 86-83 87-00 86-67 89.95 93 · 20 93 · 20 86-83 87 · 25 87 · 17 87 · 25 87 · 25 87 · 17 87 · 18 87 · 08 87 · 17 87 · 25 87 · 33 87 · 33 86-67 86-50 85-50 88.70 85-58 88-62 88-78 88-87 88-87 88-78 86-67 86.08 86-50 90 - 20 90 - 28 93.78 93 - 20 93.03 86-00 94 - 12 85 - 58 85 - 58 86 - 50 86 - 25 86-42 90.53 86-00 94-12 85.33

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1883-84.

TABLE No. 421.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	85·00	88-92	91·25	90 · 42	87 · 75	84 - 75	84-08	85·17	89·17	89·25	86 · 42	87·17
2	84·83	88-67	91·33	90 · 58	87 · 58	84 - 67	84-08	85·32	89·25	89·58	86 · 50	86·75
3	84·67	88-58	91·33	90 · 67	87 · 42	84 - 58	84-17	85·50	89·17	89·75	86 · 25	87·00
5	84·50	88 · 67	91·33	90 · 67	87 · 25	84 · 50	84 · 17	85·75	89·00	89·25	86 · 33	87.08
	84·58	88 · 75	91·25	90 · 58	87 · 08	84 · 42	84 · 17	86·00	88·25	90·25	86 · 50	87.17
6	84 · 50	89·00	91·17	90·50	87.00	84 · 42	84 · 08	86 · 33	88-00	90·67	86·25	87 · 00
	84 · 75	89·00	91·00	90·42	86.83	84 · 42	84 · 08	86 · 50	88-17	90·25	86·50	87 · 00
8 9	84 · 67 84 · 00 85 · 00	89·00 89·25 89·25	90 · 75 90 · 67 90 · 30	90 · 25 90 · 08 89 · 83	86.83 86.75 86.67	84 · 42 84 · 42 84 · 42	84 · 00 84 · 00 84 · 00	86 · 58 86 · 67 86 · 67	88-08 88-00 88-00	89 · 58 89 · 00 88 · 50	86 · 42 86 · 50 86 · 75	87 · 00 86 · 75 86 · 50
11	85·25	89 · 25	90 · 50	89-67	86 · 58	84 · 33	84-00	86-75	88-08	88 · 25	87 · 00	86·42
12	85·50	89 · 42	90 · 50	89-50	86 · 50	84 · 33	84-00	87-25	88-00	88 · 00	86 · 50	86·42
13	87.50	89 · 75	90 · 58	89 - 33	86 · 50	84 · 17	84·00	87 · 58	88 · 00	87 · 75	86-42	86 · 33
14	88.50	90 · 00	90 · 50	89 - 17	86 · 33	84 · 17	84·17	87 · 50	88 · 25	87 · 58	86-50	86 · 42
15	88.92	90 · 25	90 · 42	89 - 00	86 · 17	84 · 25	84·25	87 · 42	88 · 33	87 · 50	86-75	86 · 25
16	89·50	90·42	90·42	89·00	86-00	84 · 25	84·42	87·42	88-17	87 · 25	86-67	86·25
	90·00	90·33	90·42	89·08	85-83	84 · 42	84·50	87·33	88-00	87 · 00	87-00	86·50
18	90 · 25	90·33	90·50	89 · 08	85.83	84 · 33	84 · 50	87 · 25	88-42	86.75	86 · 83	86.75
	90 · 33	90·25	90·67	89 · 08	85.83	84 · 25	84 · 67	87 · 00	88-42	86.83	86 · 75	87.00
	90 · 42	90·08	90·67	89 · 17	85.75	84 · 17	85 · 08	87 · 00	88-42	87.00	86 · 83	87.50
21	90·50	90-08	90·58	89-08	85·67	84-17	85 · 17	87 · 25	89·50	87 · 25	87:00	87 · 58
	90·50	90-17	90·58	89-00	85·58	84-08	85 · 17	87 · 50	89·67	87 · 42	87:00	87 · 58
23	90 · 25	90·42	90 · 50	88-83	85·50	\$4.00	85·17	87.75	89 · 58	86 · 75	87.08	87 · 75
24	90 · 17	90·67	90 · 50	88-75	85·42	84.00	85·17	88.00	89 · 75	86 · 58	87.00	88 · 00
25	90 · 08	90·75	90 · 33	88-67	85·33	84.00	85·08	88.17	89 · 50	87 · 00	87.00	88 · 60
26	99·08	91·00	96 · 33	88·58	85·33	84-00	85-00	88·33	89·82	87 · 25 .	86-67	88-17
27	90·00	91·17	90 · 33	88·50	85·25	84-00	84-92	88·42	89·75	87 · 08	86-75	
28 29 30.	90·00 89·83 89·58	91 · 17 91 · 17 91 · 17	90·33 90·33 90·33	88-33 88-17 88-00	85·17 85·08 85·00	84 - 00 84 - 00 84 - 00	84-83 84-83 84-92	88 · 50 88 · 75 89 · 00	89·67 89·42 89·75	86 · 50 86 · 75 86 · 50	87-00 87-00	89·50 90·42
31	99,99	91 - 17	90.99	87.92	84.92	04 (00	84-92	99.00	89.42	86.42		91·00 91·25

ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1884-85.

TABLE No. 422. 91.00 93.42 87.58 87.67 88.00 88 · 17 88 · 17 88 · 33 88-00 89-33 90·75 90·58 03.50 93 · 25 93 · 00 89·17 89·00 86.08 86·00 86·17 88 · 25 88 · 17 90·00 . 90·67 . 87-67 87-50 87-50 94-00 86.00 86-25 88 - 33 85.92 88.00 90.33 90.25 92.67 88-33 88-33 90.00 90-00 $94 \cdot 50$ 88.58 88 - 25 86.00 86-33 88.33 88-50 80.50 87 · 25 87 · 33 87 · 00 94 · 58 94 · 75 92·25 92·00 91·83 88-50 86.00 86-33 88-25 88-75 89-33 89 · 83 89 · 67 88-33 86.00 89-50 89.42 ... 94.83 95.00 88 - 17 88 · 42 88 · 33 86.00 86.00 86 · 42 86 · 50 88-17 89.33 86-83 87-08 91.75 10. 99.00 88.08 89.42 90-00 95·25 95·25 95·25 95·25 91-67 88-00 87-92 87-75 87-75 90.33 86 · 50 86 · 50 86 · 50 88-00 $89 \cdot 25$ 90.75 91·58 91·50 12 88-17 86.00 85.92 88-00 88-00 89·33 89·33 88-75 89-50 90-58 88-08 86.75 90.50 89-25 90.00 86-67 90.50 $95 \cdot 25$ 91.3387-67 85.75 86-58 90-17 86-75 87 · 58 87 · 50 87 · 50 87 · 42 90.50 $95 \cdot 17$ $95 \cdot 17$ $95 \cdot 00$ $91 \cdot 17$ 85.75 87.83 89.33 90-00 91-00 90-83 85-67 85-67 87 · 83 87 · 75 87 · 58 89-83 89-83 90.75 91·25 91·42 86.58 90.50 86 - 75 95.00 85 - 67 86-58 89.83 90.00 91.75 90.50 87-00 85-67 87 - 50 86-58 90 - 25 90.00 86-67 87-42 87-42 87-50 87-58 92.00 90.33 87 - 25 85-67 01.09 86-83 86-58 89.83 89.75 86-42 94·75 94·58 94·50 92·25 92·42 90-17 87-33 86·75 86·67 85-67 86-58 86-25 90.00 90.00 90.00 85-67 90.50 89.58 $92 \cdot 42$ $92 \cdot 50$ 90.00 86-58 94.50 86-58 89.83 86-83 92.25 89.25 92.58 92.58 92.6789-75 89-67 94-33 86-50 85-67 87 - 75 92.58 89.50 94·25 94·17 86·42 86·33 87 · 50 87 · 83 92·25 92·92 89 · 58 89 · 17 89.58 93.00 86.25 90-00 89-25 86.00 93.95 93.83 93.58 86.25 86-25 $88 \cdot 17$ 89-17 89-25 86.00

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1885–86.

TABLE No. 423

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	86-00 86-00 86-00 86-00 86-00	94·50 94·33 93·83 93·42 93·33	93 · 67 93 · 58 93 · 50 93 · 42 93 · 33	90·92 90·83 90·75 90·50 90·42	88-67 88-50 88-25 88-17 88-17	87-00 87-00 87-00 87-00 87-83	86-58 86-58 86-58 86-67 86-67	86-25 86-25 86-25 86-25 86-42	87-00 87-00 87-00 87-00 87-25	87·17 87·00 87·00 86·75 86·75	89·42 89·25 89·00 88·83 88·42	91·25 92·00 90·75 89·58 88·00
6	86.00 86.08 86.08 86.17 86.33	92.75 92.83 93.00 93.50 93.75	93·17 93·08 93·00 92·75 \$2·50	90·33 90·33 90·33 90·25 90·17	88-08 88-00 88-00 88-08 87-83	86.75 86.67 86.58 86.67 86.67	86·50 86·58 86·42 86·25 86·08	86.50 86.58 86.67 86.67 86.75	87·42 87·50 87·50 87·17 87·00	87.00 90.00 90.50 90.58 91.50	88·17 88·25 88·17 88·00 87·75	88-00 87-83 87-50 87-42 87-42
11 12 13 14 14	86·59 86·75 87·08 87·50 87·75	94·00 94·08 94·17 94·17 94·17	$\begin{array}{c} 92 \cdot 25 \\ 92 \cdot 00 \\ 91 \cdot 83 \\ 91 \cdot 67 \\ 91 \cdot 50 \end{array}$	90·17 90·08 90·08 90·00 90·00	87.83 87.83 87.83 87.83 87.75	86-67 86-67 86-67 86-67 86-67	85 · 83 85 · 58 85 · 42 85 · 50 85 · 67	87 · 00 87 · 08 87 · 25 87 · 42 87 · 50	87·17 87·00 87·00 87·17 87·08	$\begin{array}{c} 91 \cdot 50 \\ 92 \cdot 50 \\ 92 \cdot 50 \\ 91 \cdot 50 \\ 91 \cdot 25 \end{array}$	88 · 08 87 · 67 87 · 75 87 · 58 87 · 50	87-08 87-00 86-75 86-42 86-17
16	88 · 00 88 · 58 89 · 17 90 · 25 91 · 00	$\begin{array}{c} 94 \cdot 17 \\ 94 \cdot 25 \end{array}$	$91 \cdot 25$ $91 \cdot 00$ $91 \cdot 00$ $91 \cdot 00$ $91 \cdot 00$	90·00 90·00 90·00 89·92 89·83	87 · 67 87 · 58 87 · 58 87 · 58 87 · 42	86-67 86-67 86-67 86-67 86-75	85.83 85.83 85.83 85.83 85.83	87·50 87·50 87·50 87·58 87·58	87·17 87·00 87·50 87·75 88·00	91·75 92·00 91·50 91·75 92·50	87 · 58 87 · 75 87 · 67 88 · 00 88 · 08	86-00 86-00 85-83 85-83
21 22	91·50 92·00 92·50 93·00 93·25	$94 \cdot 25$ $94 \cdot 17$	91 · 00 91 · 08 91 · 08 91 · 08 91 · 08	89·75 89·58 89·50 89·33 89·25	87·50 87·50 87·50 87·50 87·50	86·75 86·75 86·83 86·83 86·75	86.08 86.25 86.33 86.33 86.33	87 · 58 87 · 58 87 · 58 87 · 50 87 · 42	89.00 88.75 88.75 88.50 87.75	93.00 93.00 93.25 93.25 92.42	88·00 88·00 88·17 88·08 88·17	86.00 86.00 86.00 86.00 86.00
26	$93 \cdot 58$ $94 \cdot 25$ $95 \cdot 00$ $95 \cdot 58$ $95 \cdot 58$	94·08 94·08 93·92 93·75 93·67 93·67	91·08 91·08 91·08 91·00 91·00	89·08 89·00 88·92 88·92 88·83 88·83	87·50 87·50 87·50 87·42 87·25 87·17	86 · 67 86 · 67 86 · 67 86 · 67 86 · 67	86·25 86·25 86·25 86·25 86·25 86·25	87-42 87-33 87-25 87-17 87-08	87-58 87-25 87-42 87-17 87-25 87-00	89.58	88·58 90·00 90·75	86.00 86.00 86.00 86.00 86.00

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1886-87.

										TA	BLE N	o. 424.
1	86·75 88·25 88·50 88·75 89·00	95.58 95.50 95.25 95.00 94.83	90 · 67 90 · 50 90 · 33 90 · 25 90 · 17	89·08 89·00 88·92 88·92 88·83	87 · 83 87 · 83 87 · 75 87 · 75 87 · 67	86.08 86.08 86.08 86.08 86.08	86·17 86·17 86·25 86·25 86·33	86 · 83 86 · 75 86 · 75 86 · 67 86 · 58	86·75 86·75 86·67 86·58 86·50	88 · 67 88 · 75 89 · 00 89 · 00 89 · 17	87 · 42 87 · 33 87 · 25 87 · 42 87 · 50	87.42 87.17 87.00 86.75 86.75
6	88.75 88.75 88.50 88.50 88.50	$94 \cdot 75$ $94 \cdot 50$ $94 \cdot 33$ $94 \cdot 17$ $93 \cdot 83$	90·08 90·00 90·00 90·00 90·00	88-83 88-75 88-67 88-58 88-50	87-67 87-58 87-50 87-42 87-33	86-08 86-17 86-17 86-17 86-17	86 · 33 86 · 42 86 · 50 86 · 50 86 · 50	86-58 86-58 86-50 86-50 86-50	86·50 86·50 86·42 86·33 86·25	89·17 89·00 88·75 89·00 89·00	87 · 42 87 · 25 87 · 50 87 · 67 87 · 42	87.00 87.00 86.75 86.75 86.75
11 12 13 14	88 · 25 88 · 00 89 · 00 90 · 00 91 · 00	93 · 67 93 · 42 93 · 08 92 · 83 92 · 75	90 · 00 89 · 83 89 · 83 89 · 83 89 · 83	88·33 88·17 88·00 88·00 88·00	87·25 87·08 87·00 86·83 86·75	86·17 86·08 86·08 86·08 86·08	86·50 86·50 86·50 86·50 86·50	86·42 86·42 86·33 86·25 86·25	86·25 86·33 86·33 86·42 86·42	88-75 88-67 88-50 88-75 88-50	87-58 87-67 87-67 87-50 87-25	86.75 86.58 86.50 86.50 86.50
16	91.75 92.50 93.00 93.50 93.75	$\begin{array}{c} 92 \cdot 67 \\ 92 \cdot 58 \\ 92 \cdot 33 \\ 92 \cdot 17 \\ 92 \cdot 00 \end{array}$	89·75 89·67 89·58 89·50 89·50	88-00 88-00 88-00 88-00 88-00	86.75 86.67 86.58 86.58 86.58	86.08 86.08 86.08 86.08 86.08	86·50 86·59 86·58 86·67 86·75	86·25 86·25 86·25 86·25 86·25	86 · 42 86 · 50 86 · 50 86 · 75 87 · 00	88 · 50 88 · 50 88 · 58 88 · 67 88 · 75	87-00 87-00 87-25 87-00 86-75	86·33 86·25 86·00 86·00
21 22 23 24 25	94 · 42 94 · 83 95 · 50 95 · 67 95 · 75	$92 \cdot 00$ $92 \cdot 00$ $91 \cdot 83$ $91 \cdot 83$ $91 \cdot 67$	89·50 89·50 89·50 89·50 89·42	88.00 88.00 88.00 88.00 88.00	86·50 86·42 86·42 86·33 86·33	86.00 86.00 86.00 86.00 86.00	86.75 86.83 86.83 86.83 86.83	86 · 33 86 · 42 86 · 50 86 · 58 86 · 50	87·50 87·75 88·50 88·50 88·75	89-00 89-00 88-83 89-00 88-75	86 · 75 86 · 75 87 · 00 87 · 25 87 · 50	85-83 85-83 85-83 85-83 85-75
26	95·58 95·58 95·58 95·58 95·58	91·50 91·33 91·33 91·17 91·00 90·83	89·33 89·25 89·25 89·17 89·17	88.00 88.00 87.92 87.92 87.92 87.92	86·33 86·25 86·25 86·17 86·17	86·00 86·00 86·00 86·17 86·17	86-83 86-83 86-83 87-00 87-00	86 · 58 86 · 67 86 · 75 86 · 75 87 · 00	89·00 88·75 88·75 88·75 89·00 89·00	88-50 88-67 88-75 88-25 87-75 87-00	87·00 87·25 87·25	85 · 67 85 · 58 85 · 58 85 · 50 85 · 42 85 · 42

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1887–88.

TABLE No. 425.

											-	10. 120.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5		93·33 93·50 93·75 94·42 94·58	91 · 92 91 · 83 91 · 67 91 · 58 91 · 50	88-08 88-00 87-83 87-83 87-75	86·25 86·17 86·17 86·08 86·00	85·00 85·00 84·83 84·83 84·83	84·25 84·25 84·25 84·25 84·25	84·42 84·42 84·50 84·42 84·42	84·58 84·67 84·75 84·75 84·83	87·50 87·33 87·00 86·83 86·75	85·00 85·25 85·00 85·00 85·08	84·42 84·50 84·50 84·50 84·50
6		94.83 95.25 95.83 95.83 96.25	$\begin{array}{c} 91 \cdot 42 \\ 91 \cdot 17 \\ 91 \cdot 00 \\ 90 \cdot 75 \\ 90 \cdot 58 \end{array}$	87 · 75 87 · 67 87 · 67 87 · 58 87 · 50	86.00 85.83 85.75 85.75 85.75	84 · 83 84 · 83 84 · 83 84 · 83 84 · 83	$84 \cdot 25$	84·42 84·42 84·42 84·42 84·42	84 · 83 85 · 00 85 · 60 85 · 25 85 · 25	86·75 86·83 86·75 86·75	84 · 83 85 · 00 84 · 75 84 · 50 84 · 50	84·50 84·58 84·50 84·42 84·50
11 12 13 14 15		96 · 25 96 · 25 96 · 25 96 · 17 96 · 17	90·50 90·42 90·33 90·25 90·17	87·50 87·50 87·50 87·42 87·42	85.75 85.75 85.67 85.67 85.67	84.83 84.75 84.75 84.67 84.67	84 · 25 84 · 25 84 · 25 84 · 25 84 · 25	84 · 50 84 · 50 84 · 50 84 · 50 84 · 50	85·25 85·25 85·25 85·25 85·25	86 · 67 86 · 58 86 · 67 86 · 50 86 · 25	84.58 84.75 84.50 84.50 84.50	
16		$95 \cdot 92$ $95 \cdot 58$ $95 \cdot 25$ $95 \cdot 00$ $94 \cdot 92$	90·00 89·83 89·75 89·58 89·33	87 · 42 87 · 42 87 · 42 87 · 42 87 · 42	85 · 58 85 · 50 85 · 50 85 · 42 85 · 42	84.67 84.58 84.58 84.58 84.50	84·25 84·25 84·25 84·25 84·25	84 · 50 84 · 50 84 · 50 84 · 50 84 · 50	85·33 85·50 85·50 85·58 85·67	86·00 85·50 85·00 85·00 84·83	84·58 84·50 84·50 84·50 84·50	84 · 42 84 · 25 84 · 25 84 · 25 84 · 50
21		$94 \cdot 50$ $94 \cdot 00$ $93 \cdot 58$ $93 \cdot 25$ $93 \cdot 50$	89·25 89·08 89·00 88·83 88·75	87·33 87·33 87·25 87·08 87·00	85 · 42 85 · 33 85 · 25 85 · 17 85 · 17	84 · 50 84 · 42 84 · 42 81 · 42 84 · 42	84 · 25 84 · 25 84 · 25 84 · 25 84 · 25	$\begin{array}{c} 84 \cdot 50 \\ 84 \cdot 50 \end{array}$	85·75 85·83 86·25 86·50 87·00	84 · 75 84 · 75 84 · 58 84 · 75 85 · 00	84 · 42 84 · 25 84 · 33 84 · 33 84 · 25	$84 \cdot 50$
26		92·83 92·58 92·33 92·25 92·17 92·17	88·58 88·50 88·42 88·33 88·25	86 · 83 86 · 67 86 · 50 86 · 50 86 · 42 86 · 33	85·17 85·17 85·17 85·17 85·17 85·08	84·33 84·33 84·33 84·33	$\begin{array}{c} 84 \cdot 25 \\ 84 \cdot 25 \\ 84 \cdot 25 \\ 84 \cdot 33 \\ 84 \cdot 42 \\ 84 \cdot 42 \end{array}$	84·50 84·50 84·50 84·50 84·50	87·50 87·50 87·42 87·25 87·25 87·25	85·00 84·75 85·00 85·00 85·25 85·00	84 · 25 84 · 25 84 · 25 84 · 25	84-67 85-00 85-00 85-00 85-00 85-00

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1888-89.

TABLE No. 426. 85-67 85-58 85-58 85-58 85·00 85·00 85·50 89 · 00 89 · 50 90 · 00 87-08 87-00 86-83 $85 \cdot 25 \\ 85 \cdot 33$ 93.83 91 - 25 $87 \cdot 00$ 87 - 75 88-00 86.50 93.67 91.08 90.75 86.75 87·75 88·00 $86.00 \\ 85.58 \\ 85.25$ 85 · 58 85 · 58 85 · 58 85 · 75 86.50 90-58 93 - 67 86.83 86.25 $88 \cdot 25$ 85.58 90.50 93.50 90 - 42 85.58 86-83 86.00 88 - 50 85-83 93.33 86.58 $85 \cdot 50 \\ 85 \cdot 50$ 86·75 86·58 90 - 1785.58 86-00 86,00 88-75 90.50 93 - 17 86 - 58 86 · 25 86 · 50 85·75 85·58 85·50 88.75 90·58 90·75 86.00 93·00 92·83 92·83 86.50 85.50 86-42 88-42 87-83 85-00 85-00 86·25 86·50 86.42 85 - 50 $85 \cdot 50 \\ 85 \cdot 42$ 86·75 87·25 86.25 90.83 89-25 86.33 85.50 86.00 85 - 50 91.25 86.50 $92 \cdot 75 \\ 92 \cdot 58 \\ 92 \cdot 58$ 89 - 08 86.25 85.50 85.33 88-00 86-00 85.50 87-83 85-42 87-00 87-00 91 · 83 92 · 50 87 · 83 87 · 58 87 · 67 87 · 75 12..... 89:00 86 · 25 86 · 17 85·42 85·42 85·33 85·25 88-25 88-08 86 · 00 87 · 75 88 · 50 85-67 85-75 85·50 85·42 93-00 87 · 83 87 · 75 86-00 14...... 85.42 $93 \cdot 50$ 88.50 86.00 85.33 85 - 17 86.00 85.00 16..... 87.00 $94 \cdot 25$ 92.75 86.00 85.42 86.50 87.58 87.50 87.42 87.25 87·00 87·00 95·00 95·25 95·50 92·83 92·92 86.00 85.83 85.83 85 · 42 85 · 50 85 · 50 87 · 75 86 · 50 86 · 75 87 · 00 87 · 75 87 · 67 87 · 50 85.00 85.00 88·25 88·25 85·17 85·17 85·17 18..... 19..... 20..... 87 · 50 87 · 50 93.00 85.00 95.50 85.58 80,00 87-25 87-50 95-67 92.92 88-00 85.75 85·67 85·75 85 - 17 87.00 86.25 89.00 87.25 87 · 50 87 · 50 87 · 50 87 · 50 87 · 50 85 · 75 85 · 75 85 · 75 85 · 75 85 · 75 95.67 92·83 92·75 87.92 87.00 87.00 87.00 86.00 88·75 88·75 $85 \cdot 25 \\ 85 \cdot 50$ 95·42 95·17 95·00 86-00 87 · 00 86 · 75 92·58 92·50 87 · 83 87 · 67 85.08 86-00 85.00 87.00 86.00 89.00 86.33 87·25 87·25 87·58 87·58 26. 27. 87 · 67 87 · 50 87 · 42 87 · 42 87 · 33 87 · 25 92.33 85.00 87.00 89-00 85.75 85.75 85.75 85.75 85.75 85.75 85·00 85·08 85·17 85·17 94-67 92 - 17 87-00 87-00 87-00 86.00 88.75 86-50 94 - 50 91.83 87 · 00 87 · 00 88 · 00 87 · 75 88 · 00 94·33 94·33 87-58 91.58 87 - 00 31.... 86.00 $94 \cdot 17$ 85-17 86.00

 $\begin{tabular}{ll} $\sf 6 \ \sf GEORGE \ V, A. \ 1916 \\ ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1889–90. \\ \hline $\sf TABLE \ No. \ 427. \\ \end{tabular}$

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	86-00 86-00 86-00 86-00 86-00	92·00 92·00 92·50 92·50 92·50	89·75 90·25 90·75 91·25 92·00	91·25 91·00 91·00 90·83 90·75	88-42 88-33 88-33 88-25 88-25	87·00 86·92 86·92 86·83 86·83	85·42 85·42 85·42 85·42 85·42	85·33 85·33 85·33		87·75 88·00 88·00 88·50 88·50	88·50 88·42 88·50 88·75 88·50	88 · 00 87 · 75 87 · 75 87 · 67 87 · 75
6 7 8 9	86·50 86·75 87·00 87·00 87·25	92·42 92·25 92·08 91·83 91·67	92·50 93·00 93·25 93·25 93·25	90 · 67 90 · 50 90 · 25 90 · 00 89 · 75	88·17 88·08 88·00 87·83 87·75	86-83 86-83 86-75 86-75	85·50 85·50 85·50 85·58 85·58	85-33 85-33 85-33		88-75 89-00 89-00 90-00 90-42	88 · 42 88 · 00 88 · 25 88 · 25 88 · 42	87 · 50 87 · 42 87 · 42 87 · 42
11	87 · 25 87 · 33 87 · 42 87 · 50 87 · 50	91 · 50 91 · 33 91 · 25 91 · 08 91 · 00	$\begin{array}{c} 93 \cdot 25 \\ 93 \cdot 25 \\ 93 \cdot 00 \\ 92 \cdot 75 \\ 92 \cdot 50 \end{array}$	89·58 89·58 89·58 89·58 89·50	87.67 87.67 86.58 87.50 87.42	86.67 86.58 86.50 86.42 86.33	85-67 85-75 85-75 85-75 85-83	85.33 85.33 85.33	•••••	90·75 91·00 91·50 92·42 92·50	88·17 88·00 88·00 88·00 88·00	87 · 25 87 · 25 87 · 25 87 · 17 87 · 00
16 17 18 19	87.75 87.75 87.75 88.00 88.42	91·00 91·00 90·83 90·67 90·50	$\begin{array}{c} 92 \cdot 25 \\ 92 \cdot 00 \\ 91 \cdot 75 \\ 91 \cdot 67 \\ 91 \cdot 67 \end{array}$	89·50 89·42 89·33 89·33 89·25	87 · 42 87 · 33 87 · 25 87 · 17 87 · 17	86·25 86·17 86·08 86·00 85·83	86·00 86·00 85·83 85·75 85·67	85 · 42 85 · 50 85 · 67		$\begin{array}{c} 92 \cdot 75 \\ 92 \cdot 00 \\ 91 \cdot 50 \\ 92 \cdot 00 \\ 92 \cdot 50 \end{array}$	88-00 88-08 88-08 88-17 88-00	87-00 87-00 87-00 87-00 87-00
21	88-67 88-83 89-00 89-33 90-00	90·33 90·17 90·08 90·00 89·83	91 · 67 91 · 58 91 · 50 91 · 42 91 · 50	89·25 89·17 89·08 89·00 89·00	87·17 87·17 87·17 87·17 87·08	85·75 85·67 85·58 85·50 85·42	85·58 85·50 85·50 85·42 85·42	86·00 86·17 86·17		$\begin{array}{c} 92 \cdot 75 \\ 92 \cdot 75 \\ 93 \cdot 00 \\ 93 \cdot 00 \\ 93 \cdot 00 \end{array}$	88-00 88-00 88-00 88-00 88-00	87-00 87-00 87-00 87-00 87-00
26	90·25 90·50 91·00 91·50 91·75	89-75 89-67 89-58 89-50 89-50 89-50	91·50 91·50 91·50 91·56 91·50	88-83 88-75 88-67 88-58 88-58 88-58	87-08 87-00 87-00 87-00 87-00 87-00	85·42 85·42 85·42 85·42 85·42	85·42 85·42 85·42 85·42 85·42 85·42	86-17 86-17 86-17 86-17		88.50	88-00 88-00 88-00	87 · 00 87 · 00 87 · 00 87 · 00 87 · 00 87 · 00

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1890–91.

										TA	BLE No	. 428.
1	87 · 08 87 · 25 87 · 50 87 · 58 87 · 75	$\begin{array}{c} 92\cdot 00 \\ 92\cdot 17 \\ 92\cdot 25 \\ 92\cdot 33 \\ 92\cdot 50 \end{array}$	94·58 94·58 94·50 94·50 94·33	$91 \cdot 83$ $91 \cdot 67$ $91 \cdot 50$ $91 \cdot 25$ $91 \cdot 00$	88·17 88·08 88·08 88·00 88·00	87 · 50 87 · 50 87 · 50 87 · 50 87 · 50	86·58 86·58 86·50 86·50 86·42	86-33 86-33 86-33 86-33 86-33	85 · 67 85 · 50 85 · 50 85 · 50 85 · 50	86 · 50 86 · 56 86 · 50 86 · 50 86 · 50	88 · 50 85 · 50 85 · 42 85 · 42 85 · 42	86 · 83 86 · 83 86 · 75 86 · 58 86 · 50
6= = = = = = = = = = = = = = = = = =	88 · 17 88 · 25 88 · 50 88 · 75 89 · 00	92.67 93.00 93.17 93.25 93.33	94 · 25 94 · 08 94 · 00 93 · 92 93 · 83	90·83 90·67 90·50 90·33 90·17	88-00 88-00 88-0' 88-00 87-92	87.58 87.58 87.75 87.67 87.58	86·42 86·42 86·42 86·42 86·50	86-33 86-42 86-42 86-50 86-42	85·50 85·67 85·75 85·75	86·42 86·50 86·25 86·25 86·42	85·42 85·33 85·33 85·33 85·33	$86 \cdot 50$ $86 \cdot 25$ $86 \cdot 25$ $86 \cdot 25$ $86 \cdot 25$ $86 \cdot 50$
11 12 13 14	89·42 89·75 90·00 90·25 90·75	93·50 93·50 93·50 93·42 93·33	93.67 93.50 93.58 93.75 94.00	90·00 89·83 89·67 89·50 89·42	87 · 83 87 · 75 87 · 67 87 · 58 87 · 50	87-58 87-50 87-50 87-50 87-50	86 · 50 86 · 50 86 · 50 86 · 42 86 · 42	86·42 86·33 86·25 86·25 86·25	85·75 85·67 85·75 85·75 85·75	86·42 86·56 86·67 86·67 86·75	85·25 85·25 85·25 85·25 85·25	$86 \cdot 58$ $87 \cdot 00$ $87 \cdot 25$ $87 \cdot 25$ $87 \cdot 33$
16 17 18 19	$\begin{array}{c} 91 \cdot 00 \\ 91 \cdot 25 \\ 91 \cdot 50 \\ 91 \cdot 50 \\ 91 \cdot 33 \end{array}$	$93 \cdot 25$ $93 \cdot 17$ $92 \cdot 92$ $92 \cdot 92$ $93 \cdot 17$	94·25 94·42 94·42 94·08 93·75	$89 \cdot 25$ $89 \cdot 25$ $89 \cdot 25$ $89 \cdot 25$ $89 \cdot 17$	87-42 87-42 87-33 87-33 87-25	87·50 87·50 87·50 87·33 87·33	86·42 86·42 86·42 86·42 86·42	86 · 25 86 · 25 86 · 25 86 · 25 86 · 25	86-00 86-00 86-00 86-00 86-00	86·75 86·50 86·50 86·33 86·17	85·25 85·25 85·25 85·25 85·25	$87 \cdot 42$ $87 \cdot 42$ $87 \cdot 50$ $87 \cdot 50$ $87 \cdot 50$
21 22 23 24 25	91·25 91·25 91·17 91·33 91·42	93 · 17 93 · 25 93 · 33 93 · 42 93 · 50	93·50 93·25 93·00 92·83 92·67	89·08 89·00 88·83 88·75 88·75	87·25 87·25 87·33 87·42 87·50	87-25 87-17 87-08 87-00 86-83	86·42 86·42 86·42 86·42 86·42	86·25 86·17 86·00 86·00 86·00	86·00 86·00 86·17 86·25 86·42	86-00 86-00 86-00 86-00 86-00	85·00 85·00 85·00 85·00 85·00	$88 \cdot 00$ $88 \cdot 00$ $88 \cdot 25$ $88 \cdot 42$ $88 \cdot 50$
26 27 - 28 - 29 - 30	91 · 50 91 · 58 91 · 75 91 · 83 91 · 83	$\begin{array}{c} 93\cdot 67 \\ 93\cdot 75 \\ 93\cdot 83 \\ 94\cdot 00 \\ 94\cdot 25 \\ 94\cdot 33 \end{array}$	92·50 92·33 92·17 92·00 92·00	88 · 83 88 · 75 88 · 67 88 · 58 88 · 42 88 · 33	87·58 87·58 87·50 87·50 87·50 87·50	86-83 86-75 86-75 86-67 86-67	86·42 86·33 86·33 86·33 86·33	86-00 85-75 85-75 85-75 85-75	86-42 86-42 86-42 86-33 86-42 86-50	86.00 86.00 86.06 85.75 85.50 85.50	85·25 85·25 85·25	88·75 89·00 89·25 89·50 89·75 89·75

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1891–92.

TABLE No. 429.

			100	-								
Day.	April.	May.	June.	July.	Aug.	Sept.	Oet.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	90-00 90-00 90-00 90-00 89-92	94 · 25 94 · 25 94 · 25 94 · 25 94 · 17	91·00 90·75 90·58 90·42 90·25	87-67 87-50 87-42 87-33 87-25	88.00 88.08 88.08 88.08 88.08	87·00 87·00 87·00 87·00 87·00	86·00 86·00 86·00 86·00 86·00	86·00 86·00 86·00 86·00 85·83	89·25 89·25 89·00 89·00 89·50	90·00 91·00 90·00 89·00 88·50	87·50 87·00 86·75 86·75 86·67	86·33 86·25 86·17 86·00 86·00
6 7 8 9	89·67 89·50 89·33 89·08 89·00	94 · 08 94 · 00 94 · 00 94 · 00 94 · 00	90·17 90·08 90·00 89·83 89·67	87·17 87·17 87·08 87·08 87·00	88 · 00 87 · 83 87 · 75 87 · 67 87 · 50	87·00 87·00 87·00 86·92 86·83	86·00 86·08 86·17 86·17 86·25	85 · 83 85 · 83 85 · 83 85 · 75 85 · 75	89·50 89·42 89·33 89·25 89·17	90·00 89·25 88·50 88·00 88·25	86·50 86·50 86·50 86·50 86·50	85·75 85·50 85·50 85·25 85·42
11 12 13 14 15	89·17 89·50 89·75 90·17 90·33	94 · 00 93 · 83 93 · 75 93 · 67 93 · 50	89·50 89·33 89·17 89·00 89·00	87.00 87.00 87.00 87.00 87.00	$87 \cdot 42$ $87 \cdot 33$ $87 \cdot 33$ $87 \cdot 25$ $87 \cdot 25$	86 · 83 86 · 75 86 · 75 86 · 67 86 · 67	86·25 86·25 86·17 86·17 86·00	85.83 85.83 85.83 86.00 86.08	89·17 89·08 89·00 88·50 88·25	88·25 88·00 88·25 88·17 88·25	86·50 86·50 86·50 86·50 86·42	86.00
16 17 18 19 20	9)·50 99·67 90·75 91·00 91·17	93·33 93·17 93·00 92·83 92·75	88 · 83 88 · 67 88 · 50 88 · 50 88 · 33	87·00 87·00 87·17 87·25 87·50	87 · 17 87 · 08 87 · 00 87 · 00 87 · 00	86·58 86·50 86·50 86·50 86·42	86-00 86-00 86-00 86-00 86-00	86 · 17 86 · 25 86 · 33 86 · 42 86 · 67	88 · 25 88 · 00 89 · 00 88 · 75 88 · 50	88·00 88·25 88·00 87·75 87·75	86-33 86-50 86-50 86-50 86-50	85.42
21 22 23 24 25	91·50 92·17 92·83 93·42 94·00	$\begin{array}{c} 92 \cdot 67 \\ 92 \cdot 50 \\ 92 \cdot 33 \\ 92 \cdot 17 \\ 92 \cdot 00 \end{array}$	88 · 25 88 · 17 88 · 17 88 · 08 88 · 08	87·50 87·67 87·75 88·00 88·00	87 · 00 87 · 00 87 · 00 87 · 00 86 · 83	86 · 33 86 · 25 86 · 25 86 · 25 86 · 25	86-00 86-00 86-00 86-08	86 · 83 87 · 00 87 · 25 88 · 00 87 · 83	88 · 25 88 · 00 88 · 00 88 · 00 88 · 00	88.00 87.75 87.50 87.50 87.50	86·42 86·50 86·50 86·42 86·42	
26 27 28 29 30 31	94·42 94·58 94·50 94·50 94·42	91.83 91.67 91.50 91.42 91.33 91.25	87·83 87·83 87·83 87·83 87·83	88.00 88.00 88.00 88.00 88.00 88.00	86 · 83 86 · 83 86 · 83 86 · 83 87 · 00 87 · 00	86·17 86·17 86·17 86·17 86·17	86·17 86·08 86·00 86·00 86·00 86·00	87 · 83 88 · 50 89 · 50 89 · 50 89 · 50	88 · 00 88 · 17 88 · 17 89 · 50 89 · 50 89 · 50	87 · 50 88 · 50 88 · 50 88 · 25 88 · 00 88 · 00	86·50 86·50 86·50 86·50	85.00

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1892–93.

									T	BLE N	o. 430.
1	85·50	88.50	89 · 08	90·00	87.08	87-33	86-67	86·08	88-08	85 · 42	85·17
	86·00	88.75	89 · 08	89·83	87.00	87-17	86-67	86·08	88-08	85 · 33	85·25
	86·75	88.83	89 · 08	89·75	87.00	87-00	86-67	86·17	88-25	85 · 25	85·25
	88·00	89.00	89 · 17	89·67	86.83	86-92	86-67	86·17	88-17	85 · 17	85·50
	88·67	89.17	89 · 17	89·50	86.83	86-75	86-67	86·33	88-00	85 · 17	85·50
6	89·00	89·17	89 · 25	89-33	87·00	86 · 67	86-67	86·42	87·75	85 · 08	85·50
	90·00	89·25	89 · 33	89-17	87·00	86 · 50	86-67	86·42	87·67	85 · 00	85·50
	90·25	89·25	89 · 42	89-08	87·17	86 · 42	86-67	86·42	87·58	85 · 00	85·50
	90·25	89·25	89 · 50	89-00	87·25	86 · 35	86-67	86·50	87·50	85 · 00	85·50
	90·25	89·25	89 · 50	88-83	87·35	86 · 25	86-67	86·50	87·33	85 · 00	85·50
11	99.00	89 · 25	89·33	88·75	$87 \cdot 42$ $87 \cdot 42$ $87 \cdot 42$ $87 \cdot 58$ $87 \cdot 67$	86-08	86.58	86·50	87·25	85.00	$85 \cdot 50$
12	89.75	89 · 25	89·17	88·67		86-00	86.58	86·50	87·25	85.00	$85 \cdot 50$
13	89.50	89 · 25	89·00	88·67		86-06	86.50	86·50	87·25	85.00	$85 \cdot 50$
14	89.25	89 · 25	89·00	88·58		86-00	86.50	86·50	87·25	85.00	$85 \cdot 50$
15	89.00	89 · 25	89·00	88·50		86-00	86.50	86·50	87·25	85.00	$85 \cdot 58$
16	88.75	$89 \cdot 25$	88 · 83	88 · 50	87 · 67	86-00	86·50	86·50	87·33	85.00	85·58
17	88.58		89 · 00	88 · 42	87 · 75	86-00	86·42	86·58	87·25	85.08	85·58
18	88.42		89 · 42	88 · 25	87 · 75	86-08	86·33	87·42	87·25	85.00	85·75
19	88.25		89 · 75	88 · 00	87 · 67	86-17	86·17	88·00	87·50	85.00	85·75
20	88.08		90 · 00	88 · 00	87 · 75	86-17	86·08	88·33	88·00	85.00	85·75
21	83.00	89·25	90 · 00	87-83	87·75	86·17	86.00	88 · 58	87-50	85·00	86 · 00
22	87.83	89·25	90 · 00	87-75	87·67	86·17	86.00	88 · 75		85·00	86 · 00
23	87.83	89·25	90 · 25	87-67	87·67	86·25	86.00	88 · 75		85·17	86 · 17
24	87.83	89·25	90 · 25	87-58	87·58	86·33	86.00	88 · 67		85·17	86 · 25
25	88.00	89·33	90 · 25	87-50	87·58	86·42	86.00	88 · 58		85·00	86 · 25
26 27 28 29 30	88-00 88-00 88-08 88-50 88-50	89·33 89·33 89·33 89·25 89·25 89·25	90 · 25 90 · 25 90 · 25 90 · 25 90 · 25 90 · 25	87 · 50 87 · 42 87 · 33 87 · 25 87 · 25 87 · 17	87·58 87·50 87·42 87·42 87·42 87·42	86-50 86-58 86-67 86-67 86-75	86-00 86-00 86-00 86-00 86-00	88 · 50 88 · 42 88 · 33 88 · 25 88 · 17	90·50 90·50 88·75 87·00 86·75 —	85-00 85-00 85-00	86 · 25 86 · 42 86 · 42 86 · 50 86 · 50 86 · 50

89.00 $94 \cdot 25$ 93.08 89.25

89-00

89-17

89-33 94·83 96·25 96·50 92·33 92·17 91·92 89.17 87·00 87·00 87·00 86·50 86·50 86·67 86·75 86·75 87-00 86-83 88 · 25 89 · 00

89-50

89.25

89-17 96-83 91.83 88.83

89.50 $97 \cdot 25 \\ 97 \cdot 25 \\ 97 \cdot 00$ 91.67 88.67 87.08 86-42 86.83

89-67

90-00

90.25 96.75

 $90 \cdot 50$ 96.42 $91 \cdot 17$ 88.33 87.00 86-42

90.42 96-00 91.00 88 · 33 88 · 25 87.00 86-42

90.33

90.25

90-00

94-25

96·00 95·75 95·50 95·25 95·17

95.00

14..... 15....

16.....

16. 17. 18. 19. 20.

25.....

28

29.

31...

6 GEORGE V. A. 1916 ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1893-94.

TABLE No. 431. Day. April. May. June. July. Aug. Sept. Oct. Nov. Dec. Jan. Feb. March. 86·75 87·00 87·25 87·42 87·25 87·25 87·25 87·25 86.75 87 · 58 87 · 50 87 · 42 87 · 50 89.83 88-67 94.75 90.58 88.00 86 · 42 86 · 50 86 · 50 86.50 86 - 25 88.42 86-67 86-75 90.00 94-67 $90.42 \\ 90.25$ 86·50 86·75 87·00 88.00 87.58 90.08 88.00 86-00 $94 \cdot 50$ 90.08 88-00 86-50 86-83 87.42 87.50 $92 \cdot 50$ 94 - 3390.00 86 - 50 86.83 87.50 87.00 86.42 93·25 93·75 93·75 94·00 87 · 92 87 · 75 87 · 67 87 · 67 87.58 87.58 87.67 87.67 87·17 87·08 87·00 87·00 87 · 50 87 · 50 87 · 50 87 · 42 89-83 86-50 87-00 $94 \cdot 17$ 86-42 87 · 25 87 · 25 87 · 25 7. 8.....9. 94.00 89.75 89.58 89.50 86·50 86·58 86·58 88-00 87+00 87-00 87-00 86 · 17 87 · 75 94 · 00 93 · 83 88 · 08 87 · 00 88.00 88.25 94.00 93 - 67 89.42 86.83 86-58 86.00 86-58 88-42 10..... 87.50 87.50 87.50 87.50 87.50 93 · 42 93 · 25 89·33 89·33 89·25 87·50 87·42 87·33 86.75 86-58 87·25 87·17 87·08 86-00 88-50 94.00 86-33 88-75 11 12 13 86.58 87·25 87·50 88-67 88-83 94.00 86.67 89·50 89·75 86.25 94-00 93-08 86-67 86.58 86-00

86-67 86-67

87.00

86.58

86-50

86-42 86.83 86.83

86-42

86-42

86-42

87.08 88.00

87.00

86-83

86·75 86·75 86·75 86·75 86·75

86·75 86·75

86·83 86·83

86-83

88.00

89-00

89.25 87.33 86.00 90 - 50

90.00

90·75 88·75

87.50

87 · 50 87 · 50 87 · 33 86-75 86.50 89.50

87.50

87.33 87.25 87.17 87.25 87.00

86 · 67 86 · 50 86 - 50 89.25

86 - 50

86.50

85.75 85.75 85.75 89·42 89·25 89·58

 $86 \cdot 25 \\ 86 \cdot 33$ 90.33

86.50 89.83

86.50 89.67

89-83

90.00

90.08

89.00

89.00

87·17 87·08

87.00 86-50 86-67 87.00 89.00 87.50

87.00 86-42

88.00

89.00

89.25

89.00

88 - 50

88.42

88.08 89.00 86.42

 $92 \cdot 58$

91·50 91·33 91·25 88.58 87.08 87.00 87.00

90.83 88 · 25 88 · 17 87-00 86-42

90·83 90·75

										TA	BLE N	o. 432.
1	89·00 89·00 89·00 89·00 89·00	94 · 67 94 · 67 94 · 83 95 · 00 95 · 00	91·75 92·00 92·25 92·50 92·50	90 · 00 90 · 08 90 · 17 90 · 08 90 · 00	87-08 87-00 86-83 86-67 86-67	85 · 83 85 · 58 85 · 42 85 · 33 85 · 25	85·50 85·50 85·50 85·58 85·58	87 · 17 87 · 17 87 · 33 87 · 58 87 · 67	87·42 87·50 87·50 87·00 87·17	88 · 00 88 · 50 88 · 75 89 · 50 90 · 50	88 · 50 88 · 50 88 · 25 88 · 00 88 · 00	86-25 86-25 86-17 86-17 86-08
6	89.00 89.00 89.00 88.83 88.83	95·00 95·00 94·83 94·75 94·67	92·25 92·00 92·00 91·83 91·67	89·75 89·67 89·67 89·67 89·67	86 · 67 86 · 58 86 · 50 86 · 42 86 · 33	85·25 85·17 85·17 85·17 85·17	85·67 85·67 85·92 85·92 85·92	87.83 87.92 88.00 88.00 88.00	87·25 87·00 87·50 87·50 89·50	90·00 90·50 91·00 91·09 90·75	87·75 87·50 87·08 86·58 86·58	86-08 86-17 86-25 86-25 86-25
11. 12. 13. 14. 15.	88·58 88·42 88·50 88·75 88·92	$94 \cdot 50$ $94 \cdot 25$ $94 \cdot 17$ $94 \cdot 00$ $93 \cdot 83$	$\begin{array}{c} 91 \cdot 50 \\ 91 \cdot 25 \\ 91 \cdot 00 \\ 90 \cdot 75 \\ 90 \cdot 50 \end{array}$	89·67 89·67 89·58 89·50 89·33	86·33 86·25 86·17 86·17 86·08	85·17 85·17 85·17 85·08 85·00	85 · 92 85 · 92 86 · 00 86 · 17 86 · 25	88-00 88-00 88-00 88-00 88-00	$90 \cdot 25$ $90 \cdot 50$ $88 \cdot 50$ $87 \cdot 25$ $87 \cdot 17$	90 · 50 90 · 25 89 · 00 88 · 50 88 · 50	86 · 50 86 · 75 86 · 75 86 · 75 87 · 00	86-25 86-25 86-17 86-08 86-00
16	89·08 89·25 89·50 89·75 90·00	$93 \cdot 67$ $93 \cdot 50$ $93 \cdot 25$ $93 \cdot 00$ $92 \cdot 58$	90·25 90·08 90·17 90·58 90·92	89·17 89·08 88·92 88·83 88·67	86.08 86.00 86.08 86.00 86.00	85·00 85·08 85·17 85·25 85·33	86·42 86·58 86·75 86·92 87·08	88-00 88-00 88-00 87-83 87-75	87-00 87-00 87-00 87-00 87-00	88 · 67 88 · 50 88 · 50 88 · 25 88 · 00	87·00 87·00 87·00 87·25 87·25	86-00 86-00 86-00 86-00 86-00
21 22 23 24 25	$99 \cdot 50$ $91 \cdot 50$ $92 \cdot 00$ $92 \cdot 50$ $93 \cdot 00$	92·58 92·42 92·42 92·33 92·33	91·00 91·00 90·75 90·58 90·50	88·50 88·50 88·42 88·17 88·08	86-00 86-00 86-00 86-00 86-00	85 · 42 85 · 50 85 · 50 85 · 50 85 · 42	87·17 87·25 87·25 87·25 87·25 87·17	87·58 87·50 87·50 87·50 87·50	87-00 87-00 87-00 87-00 87-50	88-00 88-25 88-75 88-75 89-00	87 · 50 87 · 50 87 · 33 87 · 00 86 · 75	86.00 85.83 85.67 85.67 85.75
26 27 28 29 30	93 · 50 94 · 00 94 · 25 94 · 50 94 · 67	92·25 92·17 92·17 91·83 91·75 91·67	90·42 90·33 90·50 90·33 90·25	87 · 92 87 · 75 87 · 58 87 · 50 87 · 33 87 · 25	86.00 86.00 86.00 86.00 86.00 86.00	85·42 85·42 85·50 85·50 85·50	87 · 17 87 · 17 87 · 17 87 · 08 87 · 08 87 · 08	87-50 87-50 87-75 88-00 88-00	87 · 75 87 · 75 88 · 00 88 · 00 88 · 00 87 · 75	89·00 89·00 89·00 89·75 88·75 88·50	86·50 86·33 86·25	86.00 86.00 86.00 86.00 86.00 86.00

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1895-96.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	86.00 86.00 86.00 86.00 86.00	92 · 50 92 · 42 92 · 33 92 · 33 92 · 33	91 · 17 91 · 17 91 · 17 91 · 25 91 · 25	88-83 88-67 88-50 88-33 88-17	86-17 86-08 86-08 86-08 86-08	86·50 86·50 86·53 86·42 86·33	85·33 85·33 85·25 85·25 85·25	85.00 85.00 85.00 85.00 85.00	86 · 50 86 · 67 86 · 75 87 · 00 87 · 50	90.00 91.00 91.25 91.50 91.50	92·17 92·00 91·50 91·00 91·00	88 · 75 88 · 50 88 · 25 88 · 25 88 · 50
6	86 · 25 86 · 50 87 · 33 88 · 50 89 · 25	92 · 58 92 · 83 93 · 17 93 · 50 93 · 83	91·33 91·42 91·42 91·33 91·25	88-08 88-00 87-83 87-75 87-67	86-08 86-08 86-08 86-08 86-08	86 · 25 86 · 17 86 · 17 86 · 00 86 · 00	$\begin{array}{c} 85 \cdot 25 \\ 85 \cdot 25 \end{array}$	85.00 85.00 85.00 85.00 85.08	88·00 88·25 88·25 87·50 87·25	91·50 91·50 91·50 91·50 93·00	90·58 90·67 91·00 91·17 91·00	88 · 75 88 · 75 89 · 00 89 · 00 89 · 25
11	89 · 25 89 · 50 90 · 00 90 · 17 90 · 50	94 · 00 94 · 00 93 · 83 93 · 67 93 · 50	91·17 91·17 91·17 91·00 91·00	87-67 87-58 87-58 87-50 87-42	86-08 86-17 86-25 86-33 86-33	85 · 83 85 · 75 85 · 75 85 · 67 85 · 67	85 · 25 85 · 25 85 · 17 85 · 17 85 · 08	85 · 17 85 · 25 85 · 25 85 · 25 85 · 33	87·42 88·00 88·00 88·25 88·60	$\begin{array}{c} 93 \cdot 42 \\ 93 \cdot 42 \\ 93 \cdot 00 \\ 92 \cdot 50 \\ 91 \cdot 50 \end{array}$	91·00 91·33 91·00 90·50 90·33	88 · 75 88 · 50 88 · 25 88 · 00 87 · 58
16. 17. 18. 19. 20.	90-67 90-75 90-83 91-00 91-00	93 · 25 93 · 08 93 · 00 92 · 75 92 · 50	90·92 90·83 90·75 90·67 90·42	87.33 87.25 87.17 87.08 87.00	86 · 33 86 · 33 86 · 42 86 · 42 86 · 42	85 · 58 85 · 50 85 · 50 85 · 50 85 · 50	85.08 85.08 85.08 85.08 85.08	85.33 85.50 85.50 85.67 85.67	88 · 00 87 · 50 87 · 25 87 · 25 87 · 25	91·25 92·00 93·00 93·50 93·50	90 · 00 90 · 00 90 · 00 89 · 75 90 · 00	87-25 87-08 87-00 87-00 87-00
21. 22. 23. 24. 25.	91 · 25 91 · 50 92 · 06 92 · 25 92 · 25	92·25 92·17 92·00 91·83 91·67	90·33 90·17 90·08 90·00 89·83	86 · 83 86 · 75 86 · 67 86 · 67 86 · 58	86·42 86·42 86·42 86·42 86·50	85 · 56 85 · 50 85 · 42 85 · 42 85 · 42	85.00 85.00 85.00 85.00 85.00	85.75 85.83 85.83 86.00 86.00	87.00 87.00 87.00 87.00 87.00	93 · 25 93 · 00 93 · 00 92 · 75 92 · 00	90·00 90·00 90·00 89·75 89·67	87.00 87.00 87.00 86.83 86.58
26. 27. 28. 29. 30. 31.	92·50 92·50	91·50 91·33 91·25 91·17 91·17	89·67 89·50 89·33 89·17 89·00	86 · 58 86 · 50 86 · 42 86 · 33 86 · 17 86 · 17	86·50 86·50 86·50 86·50 86·50 86·50	85·42 85·42 85·42 85·42 85·42	85.00 85.00 85.00 85.00 85.00 85.00	86.00 86.08 86.08 86.17 86.17	87-00 88-00 89-00 89-25 89-00 89-00	91·00 90·75 91·00 92·25 92·42 92·50	89·50 89·25 89·00 89·00	86·42 86·25 86·00 86·17 86·00 86·00

ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1896-97.

Table No. 434. 85.75 86·25 86·33 87-50 90-00 86.58 85 - 83 94 - 08 90-00 88-00 86-83 85.42 89 - 42 85.83 85.75 85.75 94.00 90·17 90·17 90·33 88.00 86·75 86·67 85·75 85·67 85·58 85 · 58 85 · 75 85 · 83 89-25 88.00 86.42 89 · 08 88 · 75 88 · 58 88 - 50 90.00 86.58 86-58 89.50 86.50 88.00 90.49 86.50 86 · 83 87 · 25 87 · 59 87 · 83 85·75 85·75 86 · 42 86 · 33 86 · 33 88.50 89.75 89.50 86.58 $99 \cdot 42$ 86-00 87 · 83 87 · 83 85·50 85·50 85·50 86.50 93 · 58 93 · 42 93 · 25 90.50 88-50 86:00 90.00 88.50 86-00 86-08 88-50 86 · 50 87 · 08 88.50 90.25 86:50 93.00 86.17 85 - 50 86-17 88 - 33 90.00 86.75 87·75 88·25 88·08 86·25 86·33 $92 \cdot 75$ 86-08 85-59 90.00 92·58 92·42 92·25 86.08 85·50 85·50 85·50 86 · 50 86 · 50 90.56 86.00 86.00 86 · 42 86 · 58 88 · 50 88 · 50 90.00 86.58 86-67 86-67 14. 15. 90.00 90.42 89.00 91.00 86-00 86.50 89.00 86.50 16 92-00 92.00 90.08 86.00 85.49 86.49 88.50 91.00 89-00 93.00 91·25 91·75 90·75 86 · 58 86 · 67 86 · 67 91.8389-83 85.42 86.42 91-67 89-67 86.50 89.50 86.33 88-50 86-67 94 - 25 91.33 89 - 00 86.50 89.42 86.75 86 - 25 91-17 89.25 89.00 86.42 86 · 75 86 · 75 86 · 75 87 · (M) $95 \cdot 00$ $95 \cdot 25$ $95 \cdot 50$ 91.00 90.83 85.83 85.83 86·25 86·25 89.75 89.50 86 · 42 86 · 50 89.00 88-83 86.50 86-17 88.50 90.50 88-50 85-83 86 · 17 86 · 17 86 · 17 86 · 17 90·42 90·33 90·33 87 · 50 87 · 00 87 · 00 90·75 90·25 90·50 86·50 86·50 95.00 89.00 $94 \cdot 83$ 85·33 85·33 80.08 89 - 25 $94 \cdot 50$ 94 - 25 90.33 86.17 90.42

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1897-98.

TABLE No. 435

										TA	BLE No). 435.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	87·42 87·67 88·00 88·25 88·50	94 · 83 94 · 83 95 · 00 95 · 25 95 · 17	93 · 50 93 · 25 93 · 00 93 · 00 92 · 83	89 · 83 89 · 58 89 · 42 89 · 25 89 · 00	87·17 87·17 87·17 87·17 87·17	86·58 86·58 86·58 86·42 86·42	85·33 85·33 85·33 85·33 85·33	85·75 85·75 85·75 85·92 85·92	86·17 86·17 86·25 86·25 86·17	89·25 89·25 89·25 89·17 89·17	87·17 87·17 87·17 87·00 86·83	86·42 86·42 86·58 86·58 86·58
6 7 8 9	88.75 88.83 89.00 89.00 89.00	95 · 00 95 · 00 95 · 00 94 · 83 94 · 75	$92 \cdot 75$ $92 \cdot 75$ $92 \cdot 58$ $92 \cdot 50$ $92 \cdot 33$	88 · 83 88 · 83 88 · 83 88 · 67 88 · 50	87-00 87-00 87-00 86-83 86-67	$86 \cdot 25$ $86 \cdot 25$ $86 \cdot 08$ $86 \cdot 00$ $86 \cdot 00$	85·33 85·33 85·33 85·33 85·33	85·92 85·92 85·92 85·92 85·92	86-00 86-00 86-00 86-00 86-00	89·17 89·00 88·83 88·67 88·67	86.83 86.83 86.83 86.83 86.83	86·50 86·50 86·42 86·42 86·42
11 12 13 14 15	89·00 89·00 88·50 88·50 88·50	94·75 94·58 94·50 94·50 94·33	$\begin{array}{c} 92 \cdot 17 \\ 92 \cdot 00 \\ 92 \cdot 00 \\ 92 \cdot 00 \\ 91 \cdot 83 \end{array}$	88 · 42 88 · 25 88 · 25 88 · 25 88 · 08	86-67 86-67 86-67 86-50 86-59	85.92 85.92 85.92 85.92 85.83	85·25 85·25 85·25 85·25 85·25	85 · 92 85 · 92 86 · 00 86 · 00 86 · 00	86-17 86-17 86-25 86-25 86-50	88-67 88-83 88-83 88-83	86-67 86-67 86-50 86-50 86-50	86·58 86·75 86·92 87·33 87·33
16	88-67 88-67 89-00 89-00 89-00	94.00 94.00 94.00 94.00 93.83	91.83 91.67 91.42 91.25 91.08	88-00 87-83 87-83 87-83 87-67	86·50 86·50 86·42 86·42	85.83 85.83 85.67 85.67 85.67	85 · 25 85 · 25 85 · 25 85 · 25 85 · 25	86-00 86-08 86-08 86-08	86 · 50 86 · 67 87 · 00 88 · 67 89 · 67	88 · 83 88 · 83 88 · 58 88 · 33 88 · 00	86 · 50 86 · 75 86 · 75 86 · 75 86 · 75	87 · 50 87 · 50 88 · 25 88 · 83 89 · 25
21 22 23 24	89.00 89.25 89.50 89.67 90.00	93 · 83 94 · 08 94 · 17 94 · 33 94 · 50	91·08 91·00 90·83 90·42 90·25	87·50 87·50 87·33 87·33 87·25	86-42 86-58 86-58 86-58 86-75	85-67 85-67 85-67 85-50 85-50	85 · 25 85 · 33 85 · 33 85 · 33 85 · 42	86-08 86-08 86-00 86-00 86-00	89-67 89-00 89-33 89-67 90-25	87-67 87-33 87-17 87-17 87-17	$86 \cdot 58$ $86 \cdot 48$ $86 \cdot 42$ $86 \cdot 42$ $86 \cdot 42$	89·75 89·92 89·67 89·67 89·33
26	91·00 92·50 93·25 93·83 94·75	94·50 94·33 94·33 94·33 94·00 93·75	90·25 90·00 90·00 90·00 89·83	87-25 87-17 87-17 87-17 87-17 87-17	86·75 86·75 86·75 86·75 86·75 86·75	85·50 85·42 85·42 85·42 85·42	85·42 85·50 85·67 85·67 85·67 85·75	86·00 86·00 86·08 86·08	90·75 90·75 90·42 90·17 89·67 89·25	87 · 17 87 · 17 87 · 17 87 · 17 87 · 17 87 · 17	86·42 86·42 86·42	89·00 89·00 89·25 89·25 89·75 90·33

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1898-99.

TABLE No. 436. 1 90.33 90.92 90.83 89-17 86.00 87·25 87·08 90.83 86·25 86·25 85 · 75 85 · 58 85 · 58 86·75 86·58 86.00 88-08 90 - 17 90.92 89-00 86.00 86.08 88-08 90.17 90·92 90·75 90·75 90.83 89-00 86.33 86.00 86.08 88-00 87.08 90.00 86.00 90.42 00.83 88-83 86.33 86.00 86.08 86.25 87 · 83 87 · 83 87.08 87.08 88-17 86.00 85·25 85·25 90.4290.83 86.33 86.00 86.83 86.00 6 7 90.33 90-67 90.42 88-83 86-00 86.83 90.67 87 · 75 87 · 75 87 · 67 87-00 87-00 87-00 85·83 85·83 $90 \cdot 33$ 90·00 89·83 86.33 86·00 86·17 86·17 $86 \cdot 25 \\ 86 \cdot 25 \\ 86 \cdot 25$ 86.83 86.00 90.00 90.58 86-33 88.83 86:00 89.83 90.33 86-33 86.83 90.33 89.33 88-50 86-33 86 - 17 86.25 87.00 86.83 85.50 89.42 90.00 89.00 88-50 86-17 86·17 86·17 86 · 25 86 · 25 87 - 67 87.00 86-83 86.33 85·25 85·25 89-42 90.00 89.00 88-33 90.00 86.33 86-17 90.00 89.00 88-33 86-17 90·75 91·33 90·50 86.00 86.00 89-08 89.83 88 - 17 86-17 86-00 86.33 87.00 86.00 89.08 89.83 89.00 88-00 86-17 86-00 86.50 86-67 86-25 87·75 87·75 87·75 87·83 89-08 89.83 88.83 88-00 86-17 86-00 86-59 $86 \cdot 67$ 90-00 88.00 87.83 87.75 87.75 89-33 89.58 88.83 86-42 86-00 86 · 67 87 · 17 87 · 33 90 - 00 88 - 50 88 - 50 86-33 86-33 86.42 86.00 89-33 89.42 86.50 86.00 89.75 89-42 88-33 86.50 86.00 86.75 90.00 89-00 88-17 87.58 86-50 86 · 75 86 · 75 86-67 86-75 85.00 86.00 87-83 87.58 87.58 87.58 87.33 90.33 89-00 86.75 88-17 86.50 86-67 85-83 85.00 86.00 90.42 88-92 88-17 86.50 86 · 92 87 · 17 87 · 17 86-58 85-00 90.42 88-17 86.33 86.00 86-67 86.58 86 · 25 86 · 25 90.42 89-25 88-17 86-58 85-00 86.33 86.00 86-67 26. 27 28 29. 30. 90-67 87 · 58 87 · 58 87 · 58 87 · 33 89-33 $88 \cdot 17$ $87 \cdot 33$ 86-33 86.00 86 - 58 87·17 87·17 87·00 87·00 90-67 89 - 75 88-17 $86 \cdot 42 \\ 86 \cdot 42 \\ 86 \cdot 42$ 85·75 85·75 84-83 89-92 88-50 84 - 83 86.00 86.00 86-67 86-67 90.92 90-33 86-00 86.00 84 - 53 90.92 90.67 89-17 86-25 84 - 83 90.83 86-25 87:00 86.00 88.00

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1899-1900.

ABLE No. 42

				_								
Day.	April.	May.	June.	July.	Aug.	Sept.	Oet.	Nov.	Dec.	Jan.	Feb.	March.
1	84 · 83 84 · 83 84 · 83 85 · 17	95·17 95·50 95·50 96·17	93·33 93·33 93·37 93·17	89.00 89.00 88.83 88.83	87·75 87·58 87·58 87·42	85.83 85.83 85.75 85.75	87-17 87-33 87-50 87-58	86·50 86·50 86·50 86·50	86-00 86-00 86-00 86-00	87·75 88·25 88·25 88·42	88-25 88-25 88-25 88-00	86-67 86-67 86-67 86-67
5	85·17 85·50 85·50 85·50 85·50 85·50	96·33 96·50 96·50 96·67 96·67	93·17 93·17 93·00 93·00 92·83 92·83	88 · 42 88 · 25 88 · 25 88 · 25 88 · 25 88 · 83	87-42 87-25 87-25 87-08 87-00 87-00	85.58 85.50 85.50 85.42 85.42	87-67 87-67 87-58 87-33 87-25	86-58 86-58 86-58 86-67 86-67	86.00 86.00 86.00 85.83 85.83	88 · 42 88 · 83 88 · 83 88 · 83 88 · 83	87 · 75 87 · 75 87 · 58 87 · 58 87 · 42 87 · 42	86 · 67 86 · 33 86 · 33 86 · 00 86 · 00
11	85.75 85.75 85.75 85.75 86.17	96·50 96·00 95·67 95·50 95·17	92·50 92·25 92·00 91·67 91·42	88-83 89-33 89-33 89-42 89-42	86.83 86.67 86.67 86.58 86.58	85·33 85·33 85·33 85·33 85·33	87.00 87.00 86.83 86.67 86.50	86·42 86·42 86·25 86·25 86·17	85 · 83 85 · 83 86 · 67 86 · 83 87 · 50	88 · 50 88 · 50 88 · 50 88 · 42 88 · 42	87 · 42 87 · 25 87 · 25 87 · 58 87 · 58	86-00 85-58 85-58 85-58 85-58
16	87.83 90.50 91.00 91.00 91.25	95.00 94.67 94.33 94.00 93.83	91·17 91·00 90·83 90·42 90·58	89·42 89·25 89·25 89·00 88·75	86·50 86·33 86·25 86·25	85·25 85·25 85·25 85·25 85·25	86 · 50 86 · 33 86 · 33 86 · 33 86 · 25	86·17 86·00 86·00 86·00 86·00	88 · 17 88 · 42 88 · 58 87 · 42 87 · 25	88 · 50 88 · 92 89 · 75 90 · 33 90 · 67	87 · 58 87 · 42 87 · 42 87 · 42 87 · 42	85·33 85·33 85·33 85·33
21	91·50 92·00 92·33 92·33 93·00	93 · 67 93 · 42 93 · 17 93 · 00 92 · 67	90.33 90.33 90.08 90.00 89.83	88 · 58 88 · 33 88 · 17 88 · 00 88 · 00	86·17 86·17 86·17 86·08 86·08	85·25 85·25 85·25 85·25 85·42	86 · 25 86 · 25 86 · 25 86 · 25 86 · 27	86.00 86.00 86.00 86.00 86.00	87·25 87·50 87·50 87·50 87·67	90·00 89·58 89·58 89·58 89·25	87 · 42 87 · 42 87 · 42 87 · 42 87 · 42	85·33 85·33 85·17 85·17 85·17
26	93·25 93·25 93·50 94·75 94·75	92·50 92·17 92·17 92·33 92·83 93·33	89-83 89-67 89-67 89-33 89-17	88·00 87·83 87·75 87·75 87·75 87·75	86-00 86-00 86-00 86-00 86-00	85·58 85·58 85·83 86·67 86·92	86·17 86·17 86·17 86·17 86·33 86·33	86·00 86·00 86·00 86·00 86·00	87-67 87-67 87-42 87-42 87-42 87-25	89·25 89·00 88·50 88·50 88·25 88·25	87·17 87·00 86·67	85·17 85·17 85·17 85·17 85·17 85·17

ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1900-01.

									TA	BLE No	o. 438.
1 2 3 4	85.33 85.33 85.33 85.33 85.33	93·17 90·0 93·00 90·0 92·67 90·0 92·33 90·5 92·00 90·5	87·33 87·33 87·67	88-83 88-67 88-67 88-42 88-25	86·50 86·33 86·17 86·42 86·25	86·75 86·83 86·83 86·83 86·75	86·67 86·75 86·75 86·67 86·67	87 · 58 87 · 50 87 · 50 87 · 50 87 · 42	87 · 42 87 · 50 87 · 50 87 · 58 87 · 83	89·25 89·00 88·83 88·50 88·42	88·00 87·67 87·42 87·17 87·00
6 7 8 9 10	85·50 85·50 85·75 85·75 87·33	91·75 90·5 91·83 90·1 91·83 90·1 91·83 90·0 92·00 90·0	7 88·50 7 88·50 9 88·67	88-25 88-25 88-25 88-17 88-17	86-33 86-25 86-17 86-00 86-00	86 · 75 86 · 83 86 · 83 86 · 92 86 · 92	86·58 86·58 86·58 86·58 86·58	87 · 42 87 · 33 87 · 33 87 · 17 87 · 17	88 · 17 88 · 92 88 · 42 88 · 25 88 · 83	89 · 83 90 · 58 90 · 83 90 · 83 91 · 42	87·00 86·67 86·58 86·58 86·33
11	87-75 87-92 89-00 89-50 89-50	92·00 89·5i 91·83 89·5i 91·83 89·3: 91·42 89·3: 91·33 89·3:	89.00 89.00 89.17	88-17 88-08 88-00 88-00 88-00	86·00 86·00 86·00 86·00 86·00	87-00 87-00 87-08 87-17 87-25	86·42 86·42 86·42 86·42 86·42	87·00 86·67 86·42 87·17 87·33	89·00 89·00 89·00 88·83 88·83	91.67 90.75 91.25 91.50 91.17	86·00 86·00 85·83 85·67 85·67
16	89-92 89-75 89-75 89-75 89-92	91·00 89·2: 91·00 89·0 91·17 88·9: 91·33 88·8: 91·33 88·6:	89·75 90·33 90·33	87-83 87-67 87-67 87-50 87-50	86·17 86·25 86·25 86·42 86·42	87·50 87·58 87·33 87·17 87·00	86 · 42 86 · 42 86 · 42 86 · 42 86 · 83	87 · 33 87 · 00 87 · 00 87 · 17 87 · 17	89·17 89·17 89·83 90·25 90·25	91·33 90·75 90·50 90·00 90·00	85 · 50 85 · 50 85 · 50 85 · 42 85 · 42
21 22 23 24 25	90·33 91·00 91·83 92·42 93·00	91·33 88·55 91·17 88·42 91·17 88·23 91·00 88·00 90·83 88·00	89-50 89-33 89-33	87-42 87-42 87-33 87-33 87-25	86.58 86.58 86.75 86.75 86.75	87·00 86·92 86·92 86·83 86·83	87 · 25 88 · 33 88 · 58 88 · 42 88 · 42	87 · 25 87 · 25 87 · 25 87 · 25 87 · 42	91.67 91.00 91.08 90.42 90.42	89·67 89·42 89·08 88·75 88·75	85·42 85·42 85·33 85·33 85·33
26 27 28 28 29 30 31	93·17 93·17 93·33 93·33 93·50	90·67 88·00 90·67 87·77 90·42 87·77 90·42 87·50 90·25 87·42 90·00	89·17 89·00 89·00	87·08 87·00 86·92 86·83 86·75 86·67	86·83 86·75 86·75 86·75 86·75	86·67 86·50 86·42 86·42 86·58 86·58	88 · 25 88 · 00 87 · 83 87 · 67 87 · 67	87 · 42 87 · 50 87 · 33 87 · 33 87 · 33 87 · 42	89.42	88·58 88·25 88·08	85·33 85·50 85·50 85·50 85·58 85·83

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1901-02.

TABLE No. 439.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	86 · 17 86 · 25 86 · 42 86 · 67 86 · 83	93 · 83 93 · 83 93 · 92 93 · 83 93 · 83	90·83 90·92 91·17 91·33 91·42	88·17 88·00 87·83 87·67 87·50	86·25 86·25 86·17 86·00 85·75	85·25 85·25 85·25 85·33 85·33	84 · 50 84 · 50 84 · 50 84 · 67 84 · 75	85·00 85·00 85·08 85·17 85·25	85 · 33 85 · 50 85 · 50 85 · 42 85 · 42	85 · 92 86 · 58 86 · 75 88 8 3 89 · 75	87·25 87·08 87·00 86·83 86·75	84·58 84·75 85·67 86·17 86·42
6	86.83 87.25 88.33 90.83 91.42	93 · 50 93 · 42 93 · 33 93 · 08 92 · 83	$\begin{array}{c} 91 \cdot 50 \\ 91 \cdot 50 \end{array}$	87·33 87·42 87·42 87·33 87·25	85.67 85.58 85.58 85.50 85.50	85·25 85·25 85·25 85·25 85·17	84·75 84·75 84·83 84·83 84·42	85·25 85·17 85·17 85·17 85·17	85·25 85·17 85·17 85·00 85·00	91 · 58 94 · 00 94 · 33 95 · 50 93 · 67	86·58 86·42 86·33 86·33 86·25	86·42 86·58 86·58 86·58 86·42
11	91·58 91·58 91·58 91·58 91·58	$\begin{array}{c} 92 \cdot 50 \\ 92 \cdot 58 \\ 92 \cdot 42 \\ 92 \cdot 25 \\ 92 \cdot 70 \end{array}$	91·58 91·58 91·42 91·25 90·83	87·08 87·00 86·92 86·75 86·58	85·50 85·58 85·50 85·42 85·42	85.08 85.00 85.00 84.92 84.83	84·42 84·50 84·58 84·58 84·67	85·33 85·42 85·42 85·42 85·42	84 · 92 84 · 92 84 · 83 84 · 83 88 · 25	91·42 91·75 91·92 92·42 92·08	86·08 86·00 85·83 85·75 85·67	86·25 86·58 86·58 86·67 87·50
16	91·50 91·33 91·17 91·42 91·67	$\begin{array}{c} 92 \cdot 00 \\ 92 \cdot 00 \\ 91 \cdot 75 \\ 91 \cdot 67 \\ 91 \cdot 50 \end{array}$	90·50 90·17 89·75 89·50 89·50	86·42 86·50 86·50 86·42 86·42	85·42 85·33 85·25 85·25 85·25	84 · 83 84 · 83 84 · 83 84 · 75 84 · 75	84 · 67 84 · 75 84 · 75 84 · 83 84 · 92	85·42 85·42 85·42 85·42 85·42	89·33 89·58 90·67 90·25 90·33	91·67 91·33 90·92 90·75 90·42	85·50 85·42 85·25 85·08 85·00	87-92 88-92 89-33 89-50 89-83
21	92 · 00 92 · 50 93 · 25 93 · 67 93 · 83	91.75 92.00 92.00 91.83 91.83	89·33 89·25 89·00 89·00 88·83	86·33 86·25 86·17 86·06 85·92	85·25 85·33 85·42 85·50 85·50	84 · 75 84 · 75 84 · 67 84 · 67 84 · 58	85-00 85-17 85-17 85-08 84-83	85·42 85·42 85·42 85·42 85·33	90·50 90·00 89·33 88·67 88·08	90·00 89·50 89·17 89·00 88·75	85·00 84·83 84·67 84·58 84·42	89 · 92 90 · 00 90 · 25 90 · 42 90 · 42
26	94·00 94·00 93·75 93·92 93·75	$\begin{array}{c} 91 \cdot 67 \\ 91 \cdot 42 \\ 91 \cdot 25 \\ 91 \cdot 08 \\ 91 \cdot 00 \\ 90 \cdot 92 \end{array}$	88·75 88·67 88·58 88·42 88·25	85-83 85-83 85-83 85-83 86-00 86-17	85·42 85·33 85·25 85·25 85·25 85·25	84·58 84·50 84·42 84·42 84·42	84-83 84-83 81-83 84-92 84-92 85-08	85-33 85-17 85-08 85-00 85-17	87·33 86·25 86·00 86·00 85·75 85·67	87 - 50	84 · 42 84 · 42 84 · 42	90·58 90·67 90·83 90·50 91·42 91·75

ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1902-03.

TABLE No. 440. 91.58 90.83 87.42 88 - 58 88-67 87-83 91-92 89.42 85-58 86-50 92.00 90.83 89.42 87 · 42 87 · 42 87 · 42 86 · 50 86 · 50 88.42 88.08 87.75 87.58 88-42 88-42 92-00 91-67 $90 \cdot 92$ 89.42 85.58 85.58 88.42 88-42 88-92 88-33 89-42 02.00 91.83 90.02 89 - 25 88.95 89 - 25 87.58 92.00 92.00 85 - 50 85 - 50 86.58 88-25 88-08 89-08 90.92 90.83 80.00 87-33 85-50 86-67 88-00 87-42 88,00 88.75 92-00 85-42 87 · 75 89 · 59 85·42 85·33 85·50 85·58 86-67 86-75 87 · 83 87 · 83 $91.75 \\ 91.50$ 92.00 92.00 92.00 90.83 89+00 88-58 90 - 92 88.83 87.00 88 - 58 91 - 25 87.00 91.5892.00 91.00 88.58 90 - 67 88-00 88-08 91.3390.92 88.50 87·17 87·00 85-33 87.42 91 - 17 91 · 83 91 · 83 91 · 75 90.83 88-42 85·33 85·33 87 · 33 87 · 33 87 · 50 87·58 87·83 89.00 88 · 25 88 · 25 91 - 33 90-67 86.92 89.25 89 · 42 89 · 92 91 · 25 91 · 25 90.67 86.83 85-83 89.83 88-25 15..... 91.67 90.50 88 - 25 86.83 85.49 85.92 91.58 89.42 90.17 91.00 90 - 50 85.42 85-92 87 - 75 89.33 91.50 88-17 90.50 91.00 90.92 $91 \cdot 33$ $91 \cdot 17$ 90 - 50 88-17 86 · 67 86 · 58 85·50 85·50 85 · 92 86 · 17 86 · 25 89-00 88·25 88·00 88.42 88-00 90.83 87·75 87·75 90.83 90.75 90-17 88-00 86-50 85 - 58 86.42 88-33 91.00 90.67 90-00 86.50 88 · 50 88 · 50 88 · 67 87 · 75 87 · 83 87 · 92 90.67 90.50 89.58 86-42 85.58 86.33 91.67 90·67 90·58 90.42 89-67 89-67 86-42 86-33 85·50 85·50 86.33 88 - 00 90.42 86.33 86-83 88-17 90.50 90.33 89.50 87 - 67 86.33 85.56 86.33 85-50 86.33 88.75 26. 90.58 00.33 87 - 67 86.25 89.83 90.92 90.42 89 - 50 -87-67 86-25 85.50 86.42 90.75 91.50 89 - 50 86-17 89-25 90.25 90.92 90.50 86 · 50 86 · 50 89 · 83 89 · 33 91.08 87.50 39. 90 - 92 90·75 90·75 89.50 86-00 85.50 88 - 50 89.45 86-00 86.50 89-00

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1903-04.

ABLE No

				-							TOLLE P	10. 271.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	90·58 90·50 90·42 90·50 90·50	89·50 89·50 89·50 89·83 90·08	89·50 89·42 89·33 89·17 89·00	89·50 90·58 90·42 90·08 89·75	87·17 87·08 86·92 86·67 86·67	86·17 86·00 86·00 85·92 85·75	86·42 86·42 86·17 86·17 86·08	86-67 86-58 86-58 86-50 86-50	85·58 85·42 85·42 85·42 85·33	85·67 85·42 85·42 85·25 85·25	85·58 85·58 85·50 85·50 85·25	85·25 85·00 84·92 84·67 84·50
6	90·42 90·50 90·83 90·92 90·75	90·42 90·67 90·67 90·75 90·92	88 · 92 88 · 83 88 · 83 88 · 75 88 · 58	89·67 89·58 89·33 89·17 89·00	86·58 86·50 86·50 86·50	85 · 67 85 · 67 85 · 58 85 · 58 85 · 58	86·08 86·33 86·42 86·50 86·75	86·50 86·42 86·42 86·42 86·33	85·25 85·25 85·25 85·83 85·83	85·17 85·17 85·17 85·33 85·33	85·25 85·00 84·75 84·75 84·58	84·50 84·33 84·58 84·58 84·67
11	90·58 90·42 90·33 90·00 90·00	90.92 90.92 91.00 91.00 91.08	88 · 50 88 · 50 88 · 58 88 · 75 88 · 83	88-67 88-42 88-25 88-08 87-92	86-58 86-67 86-67 86-67 86-75	85·50 85·50 85·50 85·50 85·50	$86 \cdot 92$ $87 \cdot 42$ $87 \cdot 42$ $87 \cdot 42$ $87 \cdot 50$	$86 \cdot 25$ $86 \cdot 25$ $86 \cdot 08$ $86 \cdot 08$ $86 \cdot 00$	86.08 86.50 86.83 88.00 88.83	85·50 85·50 85·33 85·25 85·25	84·58 84·58 84·67 84·67 84·75	84·67 84·75 84·75 84·58 84·58
16	90·08 90·33 90·25 90·25 90·17	91.00 91.08 91.00 91.00 90.92	88 92 89 00 89 00 89 08 89 17	87 67 87 58 87 50 87 50 87 42	86·75 86·75 86·75 86·83 86·83	85-67 85-75 85-92 85-92 86-00	87·42 87·42 87·42 87·50 87·50	86.00 86.00 86.00 85.83 85.83	86 · 83 87 · 83 87 · 25 87 · 75 87 · 75	85·25 85·25 85·25 85·25 85·08	84·75 84·75 84·75 84·58 84·58	84.83 84.83 84.83 84.75 84.67
21	90·17 90·25 90·17 90·17 90·08	90 · 83 90 · 67 90 · 58 90 · 50 90 · 25	89.08 89.00 89.08 89.17 89.42	87·42 87·33 87·33 87·25 87·33	86.83 86.75 86.58 86.42 86.25	86-00 86-42 86-42 86-50 86-50	87·42 87·42 87·25 87·25 87·08	85 · 83 85 · 83 85 · 75 85 · 75 85 · 67	87·50 87·50 88·08 87·83 87·67	85.08 85.00 85.33 85.33 85.33	84 · 58 84 · 83 84 · 83 85 · 17 85 · 33	84 · 67 84 · 83 84 · 83 84 · 83 84 · 83
26	90·00 89·92 89·83 89·67 89·58	99.08 90.00 89.92 89.75 89.67 89.58	89·58 89·58 89·50 89·42 89·33	87 · 42 87 · 42 87 · 33 87 · 25 87 · 25 87 · 17	86·25 86·08 86·00 86·00 86·0) 85·92	86·50 86·50 86·42 86·42 86·42	87-08 87-00 87-00 86-83 86-83 86-75	85-67 85-67 85-67 85-58 85-58	86·17 86·75 86·50 86·00 85·83 85·67	85-33 85-50 85-67 85-67 85-67 85-75	85·33 85·33 85·33 85·50	85·42 85·83 86·33 87·08 87·08 87·42

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1904-05.

TABLE No. 442. 86 · 92 87 · 08 87 · 00 87 · 00 87 · 00 88-00 92.50 93 - 92 90·42 90·17 87.42 85.92 88-08 86-25 87.08 87 · 17 87 · 17 87 · 08 86.33 88 · 33 88 · 75 93 · 25 93 · 67 94.08 85.92 86.25 88.00 86·33 87·92 87·92 94 · 33 94 · 58 90-00 86-00 86.08 86-33 94 · 08 94 · 50 89.50 89-83 87.00 $86 \cdot 25$ 87 · 92 87 · 92 86.08 86-25 89.92 94 - 67 89.83 86-92 86-33 86.25 88 - 42 90.33 $94 \cdot 67$ 94.75 89.75 86.83 86.33 86-33 86.92 87 · 50 87 · 50 87 · 50 87 · 50 87 · 50 88 · 00 87 · 75 87 · 50 87 · 50 87 · 75 90 - 67 95.08 95.42 95.42 94 · 67 94 · 75 94 · 75 89·58 89·50 86-67 86-58 86 · 25 86 · 25 86 · 17 87.83 87.83 87.67 86-58 86-75 86.83 86-08 90 - 83 86.00 86.58 86.09 86-92 89-25 87.00 85.83 92.67 95.67 95.00 89 - 17 86-42 86.08 87.50 87.50 86.83 87.92 95·33 95·17 87 · 25 87 · 25 87 · 25 87 · 25 87 · 17 92.50 $94 \cdot 92$ 89-17 86.42 87 - 50 90 - 25 86.00 88 - 25 88 - 25 92.33 94.92 89-17 86.33 85.33 95·00 95·00 $94 \cdot 75$ 89.08 86.33 88.33 91.58 87 - 17 $94 \cdot 50$ 80.08 86.25 85.83 87:50 88.75 85.33 $91 \cdot 42$ 94.75 $94 \cdot 25$ 89.08 86-25 87-17 91.00 94 · 50 94 · 33 89-00 86·17 86·17 86·25 86.83 86-42 85 - 25 18-93 - 50 85-67 85-50 88-00 86-83 86-75 86-67 19. 86.92 86-83 20. 90 - 17 87.50 88-00 $85 \cdot 50$ 86-67 86-83 85.08 90-00 94 - 25 92.42 88-50 86.95 88.95 86.75 88-17 86.83 92·17 92·00 86 · 75 86 · 67 87 · 67 87 · 83 87 · 83 89.75 94 - 17 86-25 85.50 88 - 33 88-42 86 · 67 86 · 67 84 · 62 84 · 83 94.00 88 - 25 87.92 87.58 87.00 89-50 94 - 00 $94 \cdot 00$ 88-00 86-58 87.58 86 58 87-83 87-75 87-67 87-58 87-58 94 - 00 86-42 88 - 25 89.25 86-43 99-17 94 · 17 94 · 00 91.00 90.75 86·25 86·25 88 · 25 88 · 25 88 · 25 86·50 86·50 84-92 85-33 86-17 $86 \cdot 42$ 89-25 87.50 86.42 90.42 86-42 87.67 87.33 89.83 86-33 90·83 91·75 89 67 86-42 86.42 93.92 90.50 86-08 88 · 25 88 · 25 86-00 88-17

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1905-06.

TABLE No. 443.

											2013 111	
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	88·67 89·50 89·17 89·17 89·33	88·00 88·17 88·50 88·33 89·00	90·08 90·08 90·00 89·83 89·67	87 · 75 87 · 67 87 · 50 87 · 50 87 · 25	86·42 86·42 86·42 86·42 86·42	85·08 85·08 85·08 85·08 85·08	85·17 85·17 85·17 85·08 85·08	86·25 86·25 86·08 86·08 86·08	87 · 42 87 · 08 87 · 00 86 · 75 86 · 58	86-83 86-67 86-67 86-67 86-42	88·50 88·50 88·50 88·33 88·17	87 · 25 87 · 75 88 · 00 87 · 67 87 · 67
6	89·75 89·75 89·50 89·42 89·33	89·33 89·50 89·58 89·92 90·25	89·50 89·42 89·42 89·33 89·33	87-00 87-00 86-92 86-75 86-67	86·33 86·25 86·25 86·25 86·17	85·17 85·17 85·17 85·17 85·17	85.00 85.00 85.00 84.83 84.83	86·00 86·00 86·00 85·83 85·83	86·33 86·08 85·83 85·00 85·00	86·58 86·58 86·58 86·50 86·50	88-33 88-58 88-92 88-75 88-75	87 · 42 87 · 25 86 · 83 86 · 83 86 · 58
11	89·33 89·17 89·00 88·83 88·83	90·50 90·67 91·00 91·00 91·17	89·17 89·17 89·08 89·08 89·08	86 · 67 86 · 58 86 · 58 86 · 58 86 · 58	86.08 86.00 85.92 85.83 85.75	85.08 85.00 85.00 85.00 85.00	84 · 83 85 · 00 85 · 00 85 · 00 85 · 00	85·75 85·67 85·67 85·67 85·67	86 · 25 87 · 42 87 · 00 87 · 00 86 · 75	87 · 75 87 · 58 87 · 83 87 · 67 88 · 17	88·75 88·58 88·58 88·58 88·42	86.58 86.42 86.42 86.25 86.08
16	88-83 88-75 88-58 88-33 88-33	$91 \cdot 25$ $91 \cdot 25$ $91 \cdot 25$ $91 \cdot 25$ $91 \cdot 33$	89-00 88-92 88-92 88-83 88-83	86 · 50 86 · 50 86 · 50 86 · 75 86 · 67	85·75 85·67 85·67 85·68 85·58	85·00 85·00 85·00 85·17 85·25	85·08 85·17 85·25 85·33 85·50	85-67 85-67 85-58 85-58 85-50	86·75 86·58 86·67 86·83 87·00	88-17 87-75 87-75 87-58 87-58	88·42 88·17 88·00 87·75 87·42	85·75 85·58 85·58 85·42 85·42
21	88-17 88-00 88-00 87-83 87-67	$91 \cdot 42$ $91 \cdot 42$ $91 \cdot 50$ $91 \cdot 42$ $91 \cdot 25$	88-75 88-67 88-58 88-42 88-33	86 · 67 86 · 58 86 · 50 86 · 50 86 · 50	· 85·50 85·50 85·42 85·42 85·33	85·33 85·50 85·50 85·50 85·42	85·50 85·58 85·67 86·00 86·08	85·50 85·50 85·42 85·42 85·42	87·00 86·75 86·42 86·42 86·58	87·58 87·83 88·33 88·33 88·67	87·17 87·17 87·17 87·00 87·00	
26	87 · 58 87 · 50 87 · 50 87 · 50 87 · 50	91·00 90·75 90·58 90·50 90·42 90·33	88 · 25 88 · 25 88 · 08 87 · 92 87 · 83	86·50 86·50 86·42 86·42 86·42 86·42	85·33 85·33 85·25 85·17 85·17 85·08	85·42 85·42 85·33 85·25 85·17	86·25 86·33 86·42 86·42 86·42 86·25	85-50 85-67 85-67 85-83 85-83	86 · 58 86 · 58 86 · 75 86 · 75 86 · 83	88 · 25 89 · 00	86·75 86·67	

ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1906-07.

TABLE No. 444 86-33 86-33 85-75 83-83 89-33 90-42 86-17 84 - 42 4.50 84-58 87-33 87.00 84-33 3.... 89 · 33 89 · 58 90-33 85·92 85·83 85·67 84 · 42 84 · 42 83.92 84 - 50 84-83 87 · 50 87 · 83 37 · 25 86.50 90.33 88-58 83.92 84.58 84.92 86·17 85·50 89-75 85-92 86-17 90.33 88-42 84 - 42 88.42 85.58 84.42 83.83 84.42 85.50 87 - 83 85 - 50 5.... 80.92 90 - 17 88-42 85-42 84.42 83-83 85.50 87-67 85,00 84.50 89.92 $99 \cdot 17$ 84.42 85·42 85·33 87.00 87.50 86 · 25 86 · 25 90.00 90·33 91·33 88-42 88-33 84 · 42 84 · 42 83 · 83 83 · 92 84 - 50 87 · 83 87 · 83 85 · 17 85 · 17 84 · 50 84 · 17 84-50 86.33 $84 \cdot 42$ 86.33 90.67 $91 \cdot 42$ 88.00 85.08 84-50 87.33 86.50 90.83 91.00 84 - 92 84.33 84-08 87-67 84 - 50 84-00 86 - 50 87 · 75 87 · 67 84.92 84.25 84·17 84·25 84·25 87 · 17 87 · 50 87 · 50 87 · 17 87 · 83 87 · 67 90.83 84.42 84-17 86 - 50 91.17 90.42 84 · 83 84 · 75 84 · 75 84 · 25 84 · 25 84 · 17 84 · 42 84 · 50 84-83 84 - 17 86-67 91.3391.3390-49 87 - 58 86-83 90-42 87 - 50 87.33 87.33 84-67 84.33 87:00 90 - 4284.08 84.25 84 - 50 87 · 33 87 · 50 87 · 58 87 · 33 87 · 83 $91.42 \\ 91.50$ 90.42 87 · 17 87 · 17 87 · 17 84.08 84 - 50 $87 \cdot 33 \\ 87 \cdot 33$ 84 · 50 84 · 17 84 · 17 90.42 84.33 84 - 50 84 - 33 84.00 87-00 87.83 91 - 50 90.08 87 - 50 84 - 50 84 - 17 87-00 84-67 83-92 84-42 84.33 91 - 42 91 - 42 87 · 17 87 · 33 87 · 00 84 · 50 84 · 50 84 · 33 84 · 50 84 · 50 88.75 89-83 86-67 84-58 89-83 89-83 86-33 86-17 84-33 84-33 83.92 84.33 84.42 84 - 33 89.00 84.50 89.83 86.00 84-42 $84 \cdot 50$ 84.33 80.23 91.17 80.75 86.00 84.50 84.50 84 - 33 85.67 85.67 85.42 85.33 89.42 91.00 89.75 84 · 50 84 · 50 84 - 50 85-25 86-59 89 · 50 89 · 33 90.92 89·67 89·50 83 · 83 83 ! 75 84 - 42 87.50 87 · 33 87 · 33 87 · 50 $84 \cdot 50$ 90.75 84 · 50 84 · 50 87 · 17 88 · 50 89.33 89-42 84 - 50 \$1..... 90.58 87 - 50 86.00 84 - 50 84.58 89.33

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1907-08.

TABLE No. 445.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	90·58	89·67	91·67	89·75	87·17	85·33	86·58	86·42	86-83	89-00	89·50	87-33
	90·67	90·25	91·50	89·67	87·17	85·17	86·58	86·33	86-83	88-17	89·67	87-50
	90·50	90·83	91·50	89·67	87·25	85·25	86·50	86·33	86-83	87-00	88·00	87-67
	89·92	90·83	91·42	89·67	87·17	85·42	86·58	86·17	86-92	87-50	88·00	87-00
	89·50	90·50	91·42	89·50	87·25	85·33	86·50	86·33	86-67	87-50	87·83	87-00
6	89·17	90·58	91·50	89·42	87-25	85·50	86·42	86·50	86 · 83	87 · 83	87 · 83	87·17
	88·92	90·58	91·58	89·33	87-25	85·33	86·33	87·00	86 · 83	87 · 83	88 · 00	87·33
	88·50	90·58	91·50	89·25	87-17	85·25	86·33	87·42	86 · 83	88 · 83	88 · 50	87·50
	88·17	90·25	91·33	89·25	87-00	85·17	86·17	87·58	86 · 67	88 · 50	89 · 83	87·50
	88·00	90·25	91·42	89·17	86-75	85·25	86·00	88·42	86 · 50	88 · 50	90 · 67	87·42
11	87 · 83	90·17	91·33	89-00	86 · 75	85·25	85 · 92	88-67	87·00	88·75	90 · 83	87 · 42
	87 · 50	90·00	91·33	88-75	86 · 58	85·33	85 · 92	88-67	87·25	88·00	90 · 00	86 · 00
	87 · 50	90·17	91·42	88-58	86 · 50	85·42	86 · 08	88-58	87·50	89·25	90 · 67	86 · 17
	88 · 00	90·08	91·25	88-50	86 · 33	85·50	86 · 25	88-42	88·50	89·42	90 · 33	86 · 33
	88 · 17	90·08	91·25	88-50	86 · 33	85·50	86 · 33	88-25	89·83	89·83	90 · 50	86 · 50
16.	88-17	90·17	91·17	88 · 25	86·25	85·50	86·50	88-17	89-67	89-42	90·50	86·33
17.	88-17	90·50	91·17	88 · 25	86·25	85·58	86·67	87-92	88-83	89-00	89·17	86·33
18.	88-17	90·67	90·83	88 · 17	86·17	85·67	86·83	87-75	88-50	89-00	89·00	86·17
19.	88-08	91·25	90·75	88 · 00	86·08	85·75	86·83	87-58	89-00	89-17	88·50	87·00
20.	88-08	91·50	90·58	87 · 83	86·00	85·92	86·75	87-17	89-17	89-17	88·50	87·25
21.	87·75	91·67	90·33	87-67	86·00	86·00	86·75	87·25	89·17	89·75	88-17	87-25
22.	87·58	92·00	90·25	87-67	85·92	86·00	86·67	87·25	89·83	90·00	88-17	87-33
23.	87·58	92·08	90·17	87-67	85·83	86·17	86·67	87·25	89·67	90·50	88-17	86-83
24.	87·58	92·17	90·08	87-58	85·67	86·25	86·67	87·17	89·83	90·75	88-00	86-83
25.	87·67	92·50	89·92	87-58	85·58	86·33	86·58	87·17	89·83	89·00	87-92	86-83
26 27 28 29 30 31	87 · 75 87 · 75 87 · 75 87 · 25	92·42 91·83 91·75 92·00 91·92 91·75	89·75 89·75 89·67 89·67 89·58	87 · 33 87 · 50 87 · 33 87 · 33 87 · 33 87 · 17	85·58 85·58 85·50 85·50 85·50 85·42	86-42 86-33 86-33 86-33 86-50	86-58 86-42 86-42 86-58 86-58 86-42	87·17 87·17 87·08 87·00 87·00	89·92 90·00 90·17 90·17 90·00 90·50	88-50 89-08 89-50 89-50 89-00 89-00	87-92 87-83 87-83 87-83	86 · 83 86 · 75 87 · 00 87 · 50 87 · 67 87 · 83

ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1908-90

TABLE No. 446

1	87 · 92 88 · 06 87 · 92 87 · 75 87 · 58	93 - 50 93 - 83 94 - 17	93 · 92 93 · 75 93 · 67 93 · 67 93 · 58	88 · 58 88 · 42 88 · 25 88 · 00 87 · 83	85·83 85·75 85·58 85·58 85·50	83 · 92 83 · 92 83 · 83 83 · 75 83 · 67	82·83 82·83 82·83 82·83 83·83	83·58 83·58 83·67 83·58 83·50	85·25 85·42 85·50 85·83 85·67	87 · 00 87 · 17 87 · 17 87 · 50 86 · 00	87-00 86-50 86-50 86-50 86-58	86 · 50 86 · 67 86 · 67 86 · 33 86 · 33
6	87 · 92 87 · 92 88 · 17 88 · 83 88 · 83	93 · 83 94 · 50 95 · 25	93·58 93·58 93·50 93·50 93·33	87-83 87-83 87-75 87-67 87-58	$85 \cdot 42$ $85 \cdot 25$ $85 \cdot 17$ $85 \cdot 17$ $85 \cdot 17$	83·58 83·50 83·50 83·42 83·42	82·75 82·75 82·75 82·67 82·67	83·42 83·42 83·33 83·33 83·33	85.00 84.33 84.50 85.00 85.25	86 · 50 88 · 83 89 · 00 90 · 50 90 · 58	86 · 83 86 · 00 86 · 00 86 · 00 85 · 83	$86 \cdot 17$ $86 \cdot 17$ $86 \cdot 00$ $85 \cdot 83$ $86 \cdot 00$
11	89·25 89·83 90·00 90·17 90·17	95-83 96-00 96-08	93·17 92·92 92·50 91·83 91·50	87·50 87·50 87·42 87·33 87·25	85·17 85·17 85·08 84·83	83 · 42 83 · 33 83 · 33 83 · 33 83 · 33	$\begin{array}{c} 82 \cdot 67 \\ 82 \cdot 58 \\ 82 \cdot 50 \\ 82 \cdot 50 \\ 82 \cdot 50 \end{array}$	83·33 83·33 83·33 83·33 83·33	85 · 83 86 · 00 86 · 25 86 · 50 86 · 50	90·17 90·00 89·83 89·67 89·50	85 · 83 85 · 83 85 · 83 85 · 75 85 · 50	86-00 85-83 85-75 85-75 85-83
16	90 · 17 89 · 83 89 · 75 89 · 58 89 · 50	95·33 95·50 95·50 95·33 95·17	91·25 91·00 90·83 90·42 90·50	87-17 87-08 86-83 86-75 86-75	84·75 84·83 84·83 84·75 84·75	83·33 83·17 83·17 83·17 83·08	$\begin{array}{c} 82 \cdot 50 \\ 82 \cdot 50 \\ 82 \cdot 42 \\ 82 \cdot 42 \\ 82 \cdot 42 \end{array}$	83·42 83·42 83·33 83·42 83·67	86 · 50 86 · 42 86 · 50 86 · 33 86 · 00	89·50 89·33 89·33 89·17 88·50	85·67 85·67 86·00 86·50 86·83	85.83 85.83 85.83 85.83 85.75
21	89·33 89·17 89·00 88·83 88·75	95·00 94·92 94·83 94·83 94·67	90·33 90·08 89·83 89·67 89·50	86-75 86-67 86-58 86-50 86-33	84-58 84-42 84-42 84-33 84-33	83·00 83·00 83·00 82·92 82·92	82 · 42 82 · 42 82 · 42 82 · 33 82 · 25	84·08 84·00 84·00 84·00 84·00	85.00 86.50 86.00 85.83 85.83	86 · 83 86 · 83 86 · 92 86 · 67 86 · 67	86 · 92 87 · 00 86 · 50 86 · 33 87 · 00	85 · 58 85 · 50 85 · 33 85 · 17 85 · 17
26 27 28 29 30 31	88 · 83 89 · 33 90 · 50 91 · 25 91 · 50	94 · 58 94 · 58 94 · 50 94 · 42 94 · 17 94 · 00	89·33 89·17 89·08 88·92 88·75	86·17 86·08 86·00 86·00 86·00 86·92	84 · 42 84 · 42 84 · 33 84 · 17 84 · 08 84 · 00	82 · 92 82 · 92 82 · 92 82 · 92 82 · 83	$\begin{array}{c} 82 \cdot 17 \\ 82 \cdot 33 \\ 82 \cdot 67 \\ 82 \cdot 92 \\ 83 \cdot 25 \\ 83 \cdot 42 \end{array}$	84·25 84·33 84·67 84·83 84·83	86·50 86·00 86·50 87·00 87·17 87·00	86.83	86·92 86·50 86·50	85 · 17 85 · 17 85 · 25 85 · 33 85 · 58 86 · 00

 $\,$ 6 George V, A. 1916 Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1909–10.

								TABLE	No. 447			
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	86·33 86·50 87·00 87·17 87·50	92·00 92·67 92·83 92·83 92·50	96 · 50 96 · 00 95 · 75 95 · 50 95 · 00	89·42 89·17 89·08 88·83 88·67	89·25 89·25 89·00 88·83 88·75	86·42 86·30 86·42 86·33 86·33	86·75 86·75 86·67 86·58 86·67	86·17 86·17 86·17 86·25 86·17	86·67 86·67 86·75 86·75 86·75	87·50 87·33 87·33 87·50 87·67	86·50 86·17 86·58 86·42 86·33	86·17 86·17 86·17 86·00 86·00
6	87-67 88-83 90-00 91-17 91-00	$\begin{array}{c} 92 \cdot 33 \\ 92 \cdot 25 \\ 92 \cdot 25 \\ 92 \cdot 17 \\ 92 \cdot 50 \end{array}$	$\begin{array}{c} 94 \cdot 75 \\ 94 \cdot 50 \\ 94 \cdot 00 \\ 93 \cdot 67 \\ 93 \cdot 50 \end{array}$	88-67 88-50 88-50 88-42 88-33	88 · 50 88 · 25 88 · 17 87 · 83 87 · 67	86·33 86·42 86·50 86·50 86·42	86-67 86-58 86-58 86-58 86-50	86·17 86·08 86·08 86·08 86·00	86-75 86-67 86-67 86-67 86-58	88 · 50 89 · 83 87 · 83 87 · 83 87 · 92	87·33 87·50 87·50 86·17 86·50	86·00 86·00 86·50 86·67 86·67
11 12 13 14 15	$90 \cdot 50$ $90 \cdot 50$ $90 \cdot 25$ $90 \cdot 50$ $91 \cdot 50$	$93 \cdot 00$ $94 \cdot 00$ $94 \cdot 50$ $95 \cdot 00$ $94 \cdot 83$	$\begin{array}{c} 93 \cdot 00 \\ 92 \cdot 83 \\ 92 \cdot 50 \\ 92 \cdot 25 \\ 91 \cdot 67 \end{array}$	88 · 25 88 · 08 88 · 08 87 · 83 87 · 83	87·50 87·42 87·33 87·33 87·25	86·42 86·42 86·42 86·50 86·58	86·50 86·50 86·50 86·42 86·42	86·00 86·08 86·08 86·08 86·08	86·58 86·50 86·50 86·50 86·50	87.83 88.67 87.50 88.50 89.00	86·83 86·83 87·00 86·50 86·50	87.00 87.00 86.83 86.83 86.83
16	91.67 91.67 91.50 91.50 92.00	94 · 83 95 · 50 95 · 83 95 · 92 96 · 00	91·50 91·33 91·00 90·83 90·67	87.75 87.67 87.50 87.50 87.50	87·17 87·08 87·25 87·25 87·17	86.58 86.58 86.58 86.58 86.58	86·33 86·33 86·33 86·25 86·25	86.08 86.08 86.17 86.25	86·50 86·42 86·50 87·00 87·50	89·50 89·50 89·42 88·33 87·50	86·50 86·17 86·00 86·00 86·00	86.83 86.50 86.33 86.00 86.17
21	$91 \cdot 75$ $92 \cdot 25$ $92 \cdot 50$ $92 \cdot 25$ $91 \cdot 83$	96·33 96·42 96·50 96·50 96·42	90·58 90·58 90·50 90·42 90·33	87 · 58 87 · 67 87 · 58 87 · 67 87 · 83	87·17 87·08 87·00 87·00 86·92	86-50 86-58 86-58 86-67 86-58	86·17 86·08 86·00 86·00 86·08	86·25 86·25 86·33 86·33 86·42	87-67 87-00 86-83 86-50 86-50	87 · 33 87 · 25 87 · 00 86 · 83 86 · 83	85.83 85.83 85.92 86.17 86.00	86 · 33 86 · 50 87 · 00 87 · 25 87 · 50
26	91·83 91·67 91·75 91·75 91·75	96·33 96·42 96·50 96·58 96·67 96·50	90·25 90·08 90·00 89·75 89·58	88 · 00 88 · 17 88 · 42 88 · 67 88 · 92 89 · 17	86-92 86-83 86-75 86-67 86-58 86-58	86-67 86-75 86-83 86-83 86-83	86·17 86·25 86·25 86·25 86·33 86·25	86·50 86·50 86·58 86·58 86·67	87·00 87·00 87·33 87·33 87·00 87·83	86·50 86·83 86·83 86·83 87·00 87·00	85·83 86·00 86·00	88·00 88·17 88·25 88·33 88·33 88·42

ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1910–11.

									7	TABLE	No. 448	
1	88 · 83 89 · 17 89 · 33 89 · 50 89 · 58	$91 \cdot 17$ $91 \cdot 17$ $91 \cdot 25$ $91 \cdot 17$ $91 \cdot 17$	88-83 88-83 89-00 89-08 89-00	87 · 33 87 · 25 87 · 17 87 · 17 87 · 08	85·33 85·25 85·17 85·25 85·25	85·33 85·25 85·25 85·50 85·67	84-83 84-83 84-83 84-83 84-75	86·25 86·17 86·25 86·25 86·33	86·42 86·42 86·42 86·42 86·42	87·50 87·50 87·50 87·00 87·00	85-00 85-00 85-00 85-00 85-00	84·33 84·75 84·75 84·50 84·50
6	89·92 90·08 90·25 90·50 90·67	$\begin{array}{c} 91 \cdot 17 \\ 91 \cdot 08 \\ 90 \cdot 83 \\ 90 \cdot 58 \\ 90 \cdot 17 \end{array}$	$89 \cdot 17$ $89 \cdot 25$ $89 \cdot 42$ $89 \cdot 58$ $89 \cdot 50$	87·00 87·00 86·83 86·75 86·67	$85 \cdot 17$ $85 \cdot 17$ $85 \cdot 25$ $85 \cdot 17$ $85 \cdot 17$	85 · 67 85 · 92 85 · 92 85 · 83 85 · 58	$\begin{array}{c} 85 \cdot 17 \\ 85 \cdot 92 \\ 86 \cdot 00 \\ 86 \cdot 17 \\ 86 \cdot 25 \end{array}$	86·33 86·33 86·33 86·33 86·33	86·33 86·42 86·42 87·00 87·17	87·50 86·83 86·08 86·00 88·92	84·25 84·25 84·25 84·75 84·75	84·00 84·00 84·00 84·00 84·00
11 12 13 14 15	90·75 90·58 90·50 90·33 90·17	90·08 90·17 90·00 89·83 89·75	89·42 89·42 89·33 89·25 89·17	86·67 86·67 86·58 86·50 86·42	$85 \cdot 25$ $85 \cdot 42$ $85 \cdot 25$ $85 \cdot 25$ $85 \cdot 17$	85·50 85·50 85·42 85·50 85·42	86·33 86·42 86·42 86·42 86·50	86·33 86·42 86·42 86·42 86·42	86·33 86·00 86·00 86·50 86·83	88 · 92 87 · 00 87 · 50 88 · 25 88 · 83	$84 \cdot 75$ $84 \cdot 50$ $84 \cdot 25$ $84 \cdot 25$ $84 \cdot 25$	84 · 00 83 · 75 83 · 75 83 · 75 83 · 75
16 17 18 19 20	90·00 90·17 90·25 90·33 90·25	89·67 89·58 89·42 89·33 89·17	89-08 89-00 88-92 88-83 88-75	86-33 86-25 86-08 85-92 85-83	85·17 85·17 85·17 85·25 85·17	85 · 42 85 · 33 85 · 25 85 · 17 85 · 17	86·42 86·33 86·33 86·33 86·33	86·42 86·42 86·42 86·42 86·42	86.83 87.25 87.25 86.00 87.00	88·00 88·83 87·25 87·00 86·50	$\begin{array}{c} 84 \cdot 25 \\ 84 \cdot 50 \\ 84 \cdot 75 \\ 84 \cdot 75 \\ 84 \cdot 50 \\ \end{array}$	82 · 50 84 · 00 84 · 00 84 · 75 84 · 75
21	90·25 90·17 90·25 90·33 90·33	89·00 89·08 89·17 89·00 89·00	88.58 88.50 88.33 88.25 88.17	85.83 85.75 85.67 85.58 85.50	$85 \cdot 17$ $85 \cdot 17$ $85 \cdot 25$ $85 \cdot 33$ $85 \cdot 42$	85.08 85.08 85.00 84.92 84.83	86·25 86·25 86·33 86·25 86·25	86·42 86·42 86·42 86·42 86·33	86·50 86·83 87·33 87·33 86·50	$86 \cdot 83$ $86 \cdot 50$ $86 \cdot 25$ $86 \cdot 25$ $86 \cdot 25$	84 · 50 84 · 25 84 · 25 84 · 25 84 · 50	84·00 84·00 84·00 84·00 84·00
26	90·50 90·83 91·17 91·25 91·33	88 · 92 88 · 75 88 · 67 88 · 58 88 · 67 88 · 67	88 · 17 87 · 92 87 · 83 87 · 67 87 · 50	85 · 42 85 · 42 85 · 42 85 · 33 85 · 33 85 · 33	$85 \cdot 50$ $85 \cdot 42$	84·83 84·75 84·75 84·83 84·75	86·33 86·25 86·25 86·25 86·25	86-33 86-33 86-33 86-33	86 · 33 87 · 00 87 · 50 87 · 50 87 · 50 87 · 00		84·50 84·50 84·50	84·00 84·00 84·00 84·33 84·33 84·83

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Carillon, for 1911-12.

TABLE No. 449

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	84·92	90·25	91·25	88-17	85·50	84·83	84·33	84-08	85·58	88 · 33	89·17	85·79
	85·00	90·83	91·25	88-08	85·42	84·83	84·33	84-08	85·67	89 · 00	89·00	86·25
	84·92	91·17	91·00	88-00	85·33	84·75	84·33	84-17	85·67	89 · 50	89·50	86·33
	84·92	91·67	90·83	88-00	85·50	84·67	84·33	84-17	86·17	89 · 33	88·42	86·00
	84·92	92·00	90·67	87-92	85·25	84·67	84·33	84-25	86·00	90 · 42	87·96	85·46
6	84 · 92	92.50	90·42	87-67	85·17	84 · 75	84·33	84·25	85·00	91·33	88-62	85·33
	85 · 08	92.50	90·42	87-58	85·05	84 · 75	84·25	84·33	85·00	92·00	87-42	86·08
	85 · 50	92.67	90·33	87-50	85·25	84 · 75	84·25	84·33	85·00	92·00	87-17	85·38
	86 · 75	92.67	90·25	87-42	85·33	84 · 75	84·25	84·50	85·17	92·00	87-75	85·29
	87 · 67	92.67	90·17	87-33	85·42	84 · 58	84·25	84·58	85·17	93·00	88-67	85·37
11	88·50	$92 \cdot 67$ $92 \cdot 67$ $92 \cdot 50$ $92 \cdot 25$ $92 \cdot 00$	89·92	87·25	85 · 50	84·58	84 · 25	84 · 67	85.33	94·58	87·83	85 · 75
12	88·83		89·75	86·92	85 · 58	84·67	84 · 17	84 · 75	85.58	94·75	87·21	86 · 00
13	89·00		89·75	86·75	85 · 67	84·58	84 · 17	84 · 83	85.67	89·00	86·87	86 · 00
14	89·00		90·00	86·58	85 · 83	84·50	84 · 17	84 · 83	86.00	89·17	86·96	85 · 83
15	89·00		89·92	86·50	85 · 92	84·50	84 · 08	84 · 92	86.50	89·00	87·29	85 · 12
16	89.00 89.00 88.75 88.58 88.50	92.00 91.83 91.75 91.50 91.25	90·17 90·17 90·17 89·83 89·58	86-42 86-33 86-17 86-00 86-00	85 · 83 85 · 83 85 · 83 85 · 75 85 · 58	84·50 84·42 84·33 84·33	84.08 83.92 84.00 83.92 83.92	85.00 85.08 85.17 85.25 85.25	86·33 86·33 86·17 86·17 86·00	90·00 89·42 89·00 89·50 89·50	87.58 86.38 85.87 85.87 85.54	85-17 85-17 85-17 85-17 85-08
21	87 · 92	91.00	89·50	85 · 92	85·42	84 · 33	83 · 92	85·25	86 · 83	88·00	86 · 92	86 · 08
22	88 · 25	90.75	89·25	85 · 83	85·33	84 · 33	83 · 92	85·33	87 · 00	90·08	86 · 83	86 · 12
23	88 · 50	90.75	89·17	85 · 67	85·17	84 · 33	83 · 83	85·33	87 · 17	89·25	88 · 12	85 · 25
24	88 · 50	90.83	89·08	85 · 42	85·33	84 · 33	83 · 83	85·33	86 · 50	86·25	88 · 08	85 · 17
25	88 · 50	91.25	88·83	85 · 50	85·33	84 · 33	84 · 00	85·42	86 · 50	86·25	87 · 29	85 · 21
26	88·50 88·83 89·08 89·50 89·83	91·25 91·25 91·42 91·42 91·33 91·17	88-67 88-67 88-58 88-42 88-25	85-67 85-67 85-67 85-67 85-58 85-50	85·25 85·17 85·00 84·83 84·75 84·83	84·33 84·33 84·42 84·33 84·33	84 · 17 84 · 25 84 · 25 84 · 17 84 · 08 84 · 08	85·50 85·50 85·50 85·58 85·58	86·25 86·17 87·00 87·17 89·00 88·17	86.00 85.83 86.00 87.25 88.00 88.00	86-29 86-38 86-54 86-58	85-62 84-83 84-67 84-67 84-58 84-62

ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1912-13.

										TABLI	E No. 45	0.
1	84·58 84·58 84·58 84·71 84·29		93 · 83 93 · 67 93 · 29 93 · 25 93 · 00	89·12 88·96 88·79 88·62 88·46	86 · 25 86 · 25 86 · 12 86 · 08 86 · 08	85 · 62 85 · 58 85 · 58 85 · 62 85 · 67	85·46 85·42 85·42 85·42 85·42	87 · 37 87 · 42 87 · 46 87 · 50 87 · 46	87 · 58 87 · 67 87 · 79 87 · 83 87 · 83	86.58 86.58 86.42 86.67 90.04	87 · 17 89 · 62 90 · 50 90 · 46 90 · 46	87 · 21 87 · 33 87 · 87 87 · 17 87 · 37
6	84·54 85·00 86·33 88·33 88·37	$90 \cdot 42$ $90 \cdot 50$ $90 \cdot 62$ $90 \cdot 58$ $90 \cdot 58$	92·79 92·71 92·50 92·29 92·17	88 · 29 88 · 12 87 · 96 87 · 79 87 · 71	86·04 85·92 85·87 85·83 85·83	85·67 85·75 85·75 85·75 85·75	85·16 84·96 84·79 84·75 84·62	87·42 87·79 88·79 89·29 89·37	87-83 87-88 88-00 88-58 88-12	90·41 90·33 90·54 92·54 93·00	89·71 88·25 88·12 88·42 88·46	88-08 87-87 87-46 87-00 87-33
11	88·37 88·75 89·08 88·91 89·00	90·62 90·75 90·87 91·17 91·25	91.96 91.79 91.62 91.33 91.12	87 · 75 87 · 54 87 · 37 87 · 50 87 · 42	$85 \cdot 92$ $86 \cdot 04$ $86 \cdot 12$ $86 \cdot 21$ $86 \cdot 33$	85·75 85·75 85·75 85·71 85·67	84·37 84·21 84·37 84·33 84·33	$ 89 \cdot 29 $ $ 89 \cdot 12 $ $ 88 \cdot 92 $ $ 89 \cdot 08 $ $ 89 \cdot 21 $	87.92 88.33 90.17 89.42 89.00	93 · 42 89 · 87 90 · 08 90 · 50 90 · 62	88 · 33 89 · 46 89 · 67 88 · 12 89 · 12	87.08 87.00 86.17 86.00 86.17
16	89 · 46 89 · 91 90 · 16 90 · 29 90 · 50	$\begin{array}{c} 91 \cdot 25 \\ 91 \cdot 50 \\ 91 \cdot 71 \\ 92 \cdot 12 \\ 92 \cdot 25 \end{array}$	90·96 91·00 99·89 90·71 90·62	87·50 87·42 87·37 87·25 87·17	86·29 86·33 86·21 86·12 86·00	85.67 85.67 85.67 85.54 85.50	$\begin{array}{c} 84 \cdot 25 \\ 85 \cdot 21 \end{array}$	89·21 88·91 88·71 88·33 88·21	88·20 87·42 89·00 89·00 88·42	90·17 88·00 87·08 86·79 87·67	88·75 88·21 87·83 88·00 89·12	87 · 33 88 · 12 88 · 33 87 · 71 87 · 91
21	$90 \cdot 37$ $90 \cdot 37$ $91 \cdot 12$ $91 \cdot 21$ $91 \cdot 42$	$\begin{array}{c} 92 \cdot 25 \\ 92 \cdot 25 \\ 92 \cdot 32 \\ 92 \cdot 37 \\ 92 \cdot 42 \end{array}$	90·58 90·58 90·46 90·29 90·21	87-04 87-00 87-08 86-92 86-83	85·92 85·83 85·71 85·62 85·58	85·46 85·42 85·42 85·42 85·50	85·50 85·75 85·96 86·21 86·42	88·12 88·04 87·96 87·75 87·83	89·58 90·00 89·42 90·25 90·62	87·79 87·91 87·88 87·63 87·13	87 · 91 87 · 71 88 · 25 88 · 00 87 · 62	88 · 62 89 · 50 90 · 00 90 · 00 90 · 54
26. 27. 28. 29. 30.	91·42 91·25 91·25 91·17 91·08	92.62 92.71 92.79 92.96 93.16 93.58	90·12 89·96 89·79 89·58 89·33	86·71 86·67 86·54 86·50 86·42 86·29	85.58 85.67 85.79 85.83 85.83 85.71	85·50 85·54 85·58 85·58 85·46	86·79 87·04 87·29 87·29 87·37 87·50	87 · 71 87 · 67 87 · 54 87 · 42 87 · 46	90·67 89·83 89·67 90·00 88·42 87·54		87·33 88·29 87·50	90 · 87 90 · 67 90 · 29 89 · 83 89 · 50 89 · 54

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1913-14.

										TZ	ABLE N	0. 451.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	90·54 90·87 90·75 90·58 90·83	91·33 91·71 91·91 92·25 92·46	89·25 88·88 88·63 88·54 88·42	86·00 86·00 85·83 85·75 85·71	84 · 83 84 · 83 84 · 71 84 · 67 84 · 62	84·42 84·42 84·42 84·50 84·50	85·00 85·00 85·12 85·25 85·25	86·92 86·83 86·75 86·75 86·67	87 · 92 87 · 92 87 · 92 87 · 92 87 · 92	86·21 86·42 86·50 86·54 86·75	90·21 90·12 90·00 89·83 89·42	87 · 58 87 · 42 87 · 21 87 · 29 87 · 54
6	91 · 00 90 · 95 90 · 92 90 · 83 90 · 75	$92 \cdot 50$ $92 \cdot 50$ $92 \cdot 38$ $92 \cdot 29$ $92 \cdot 12$	88·33 88·25 88·21 88·04 87·92	85 · 67 85 · 55 85 · 50 85 · 42 85 · 42	84·54 84·50 84·50 84·50 84·50	84·50 84·50 84·50 84·50 84·50	85·25 85·12 85·00 85·00 85·00	86-67 86-58 86-54 86-50 86-62	87 · 92 87 · 92 87 · 92 87 · 83 87 · 75	86.83 87.00 87.12 87.21 87.42	88·58 88·21 88·33 88·58 88·96	87·37 87·50 86·08 86·00 86·42
11 12 13 14 15	90·75 90·67 90·58 90·50 90·46	91 · 83 91 · 67 91 · 42 91 · 12 91 · 00	87.83 87.75 87.71 87.58 87.50	85·33 85·33 85·33 85·25 85·25	84·50 84·46 84·33 84·33	84·37 84·25 84·25 84·25 84·17	84·92 84·92 84·83 84·83 84·92	86-67 86-67 86-79 86-92 87-00	87 · 67 87 · 58 87 · 50 87 · 33 87 · 12	87 · 54 87 · 87 88 · 04 88 · 29 88 · 71	89 · 33 89 · 67 89 · 92 90 · 12 90 · 37	86·54 86·75 85·83 85·71 85·67
16	90-33 90-33 90-33 90-50 90-62	90-83 90-54 90-50 90-33 90-04	87·50 87·50 87·50 87·50 87·42	85·25 85·25 85·25 85·25 85·25	84-33 84-33 84-25 84-25 84-17	84·17 84·17 84·25 84·25 84·33	$84 \cdot 92$ $84 \cdot 92$ $84 \cdot 92$ $85 \cdot 00$ $85 \cdot 00$	87 · 29 87 · 37 87 · 42 87 · 50 87 · 54	87·00 87·00 87·00 86·96 86·83	88 · 83 88 · 96 89 · 25 89 · 58 89 · 96	90 · 12 89 · 21 89 · 00 88 · 79 88 · 50	85·58 85·58 85·50 85·75 86·33
21	90-67 90-58 90-50 90-50 90-50	89·79 89·63 89·50 89·42 89·42	87·42 87·25 87·08 87·00 86·83	85·25 85·25 85·25 85·25 85·25	84 · 17 84 · 17 84 · 29 84 · 25 84 · 25	84 · 42 84 · 50 84 · 62 84 · 67 84 · 67	85·42 85·75 86·06 86·17 86·46	87-67 87-67 87-79 87-79 87-71	86 · 83 86 · 75 86 · 75 86 · 75 86 · 62	90·08 90·33 90·33 90·33 90·42	88 · 33 88 · 21 88 · 54 88 · 67 88 · 46	86·92 86·50 85·71 85·67 85·62
26. 27. 28. 29. 30. 31.	90·50 90·58 90·79 90·87 91·12	89·33 89·17 89·50 89·50 89·42 89·29	86-67 86-58 86-50 86-38 86-25	85.08 85.00 85.00 85.00 85.00 85.00	84 · 25 84 · 33 84 · 42 84 · 37 84 · 29 84 · 42	84·71 84·75 84·79 84·83 85·00	86·79 86·83 86·83 87·00 87·00 87·00	87-67 87-67 87-67 87-75 87-83	86·54 86·50 86·42 86·42 86·42 86·25		88-33 88-08 87-79	85·46 85·42 86·54 86·83 87·17 87·58

ELEVATIONS above M.S.L. of Ottawa River at Upper Carillon, for 1914–15.

										TA	BLE N	o. 452.
1	87·50 87·50 87·62 87·58 87·54	89-98 89-17 89-25 89-25 89-25	87·50 87·50 87·50 87·21 87·17	86·71 86·67 86·67 86·67 86·71	85-00 85-00 84-96 84-87 84-83	83·71 83·58 83·58 83·54 83·50	83·08 83·08 83·08 83·00 83·00	83 · 50 83 · 50 83 · 50 83 · 50 83 · 50	84 · 75 84 · 83 85 · 00 85 · 21 85 · 46	84 · 50 84 · 42 84 · 42 84 · 33 84 · 33	84·17 84·21 84·25 84·29 84·21	84 · 67 84 · 67 84 · 50 84 · 42 84 · 35
6	87·37 87·08 86·83 86·79 86·37	89·33 89·37 89·50 89·54 89·67	87·17 87·12 87·00 87·00 87·00	86 · 67 86 · 58 86 · 58 86 · 54 86 · 46	84 · 83 84 · 75 84 · 58 84 · 46 84 · 46	83·50 83·50 83·50 83·50 83·58	83·00 83·00 83·00 83·00 83·00	83·58 83·58 83·58 83·58 83·58	85·75 86·00 85·42 85·25 85·12	84 · 33 84 · 42 84 · 58 84 · 67 84 · 63	84 · 25 84 · 17 84 · 08 84 · 12 84 · 17	84 · 27 84 · 23 84 · 17 84 · 12 84 · 08
11	86·25 86·17 86·25 86·12 86·00	89·62 89·58 89·58 89·58 89·50	87-00 86-96 86-83 86-71 86-67	86·33 86·25 86·17 86·08	84·50 84·50 84·50 84·50 84·50	83 · 58 83 · 58 83 · 58 83 · 58 83 · 58	$83 \cdot 00$ $83 \cdot 08$ $83 \cdot 17$ $83 \cdot 29$ $83 \cdot 33$	83·58 83·54 83·50 83·50 83·50	85 · 04 84 · 83 84 · 83 84 · 83 85 · 25	84 · 54 84 · 58 84 · 58 84 · 54 84 · 50	84·17 84·17 84·08 84·17 84·12	84 · 08 84 · 04 84 · 04 84 · 00 84 · 02
16 17 18 19	86·00 86·00 86·25 86·58 86·92	89·42 89·42 89·25 89·00 88·92	86 · 67 86 · 62 86 · 50 86 · 50 86 · 50	85.96 85.83 85.75 85.75 85.75	84 · 50 84 · 42 84 · 33 84 · 25 84 · 25	83·58 83·58 83·54 83·50 83·46	83 · 25 83 · 25 83 · 33 83 · 33 83 · 37	83·75 84·17 84·50 84·71 84·75	85·79 84·79 85·17 84·92 85·75	84 · 46 84 · 42 84 · 42 84 · 42 84 · 46	84 · 08 84 · 17 84 · 17 84 · 17 84 · 08	84 · 06 84 · 08 84 · 08 84 · 04 84 · 04
21 22 23 24 25	87 · 08 87 · 54 87 · 67 87 · 67 87 · 50	88 · 75 88 · 46 88 · 42 88 · 25 88 · 08	86·50 86·62 86·79 86·96 87·00	85-67 85-67 85-58 85-42 85-42	84 · 25 84 · 25 84 · 21 84 · 17 84 · 17	83·37 83·33 83·33 83·33 83·29	83 · 46 83 · 50 83 · 50 83 · 50 83 · 50	84 · 83 84 · 92 84 · 92 84 · 83 84 · 75	85·42 87·42 87·37 85·08 84·79	84 · 50 84 · 50 84 · 42 84 · 42 84 · 37	84 · 04 83 · 94 84 · 00 84 · 08 84 · 40	84 · 06 84 · 12 84 · 37 84 · 75 85 · 25
26	87-75 88-38 88-50 88-58 89-08	88-00 87-87 87-83 87-83 87-75 87-54	86·92 86·87 86·67 86·75 86·96	85·42 85·33 85·29 86·25 85·25 85·08	84 · 17 84 · 12 84 · 08 84 · 00 84 · 00 83 · 96	83·21 83·17 83·17 83·12 83·08	83 · 50 83 · 54 83 · 58 83 · 58 83 · 58 83 · 58	84·75 84·79 84·83 84·83 84·75	84 · 71 85 · 12 84 · 67 84 · 54 84 · 58 84 · 54	84 · 33 84 · 33 84 · 33 84 · 25 84 · 27	84·81 84·83 84·75	85·52 85·62 85·29 85·12 84·94 84·79

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1870.

TABLE No. 453.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
										70 - 20	73 · 20	71.9
										70 - 20	73-20	71.9
										70-20	73 - 20	71.9
										70.03	73 - 20	71.9
										70.03	73 · 20	71.9
										70.03	73 - 20	71 - 8
										70.03	73 - 20	71.
										70.03	73.03	71.
										70.03	73.03	71-
										69.95	72.95	71-
										69.95	72.87	71.
										69.95	72.87	71-
										69.95	72.70	71.
										69 · 95 70 · 37	72·70 72·70	71 -
										10.37	12.10	11.
										70.37	72.53	71-
										70.53	72.53	
										70.53	72.53	71.
										70.70	72 - 20	71-
										70.70	$72 \cdot 20$	71-
										70.70	72 - 12	71 -
										70.70	72.03	71 -
										70 - 53	72.03	71.
									1	70.53	72.03	71· 71·
										70.53	71.95	71.
										71 - 12	71.95	71-
										71.53	71.95	
										72.12	71.95	72.
										72.70		72
										73 - 12		72 -
										73 - 20		72

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1870-71.

										TA	BLE N	o. 454.
1	72·70 72·78 73·03 73·20 73·53	80·70 80·03 80·28 80·03 80·03	74 · 20 74 · 20 73 · 95 73 · 95 73 · 87	71 · 70 71 · 20 71 · 20 71 · 20 71 · 20 71 · 20	70·70 70·70 70·70 70·62 70·62	69·70 69·70 69·70 69·70 69·70	68 · 53 68 · 53 68 · 62 68 · 62	70·03 70·20 70·28 70·37 70·45	71 · 28 71 · 28 71 · 20 71 · 20 71 · 20	70.95 70.95 70.95 70.95 70.95 71.03	71 · 37 71 · 37 71 · 37 71 · 37 71 · 37	71·45 71·37 71·37 71·37 71·37
6	74·37 74·45 74·70 74·95 76·20	79·87 79·70 79·28 78·87 78·70	73·70 73·70 73·53 73·53 73·03	$\begin{array}{c} 71 \cdot 20 \\ 71 \cdot 20 \end{array}$	70·53 70·53 70·53 70·45 70·37	69·78 69·87 69·87 69·87 70·03	68·70 68·62 68·53 68·53 68·53	70·53 70·53 70·62 70·70 70·87	71·20 71·03 71·03 70·87 70·78	$\begin{array}{c} 71 \cdot 03 \\ 71 \cdot 03 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 20 \end{array}$	71 · 45 71 · 53 71 · 53 71 · 53 71 · 53 71 · 53	71·37 71·45 71·62 71·70 72·20
11	77 · 03 77 · 87 79 · 03 78 · 95 78 · 95	78·53 78·37 78·03 77·70 77·53	$\begin{array}{c} 72 \cdot 87 \\ 72 \cdot 70 \\ 72 \cdot 62 \\ 72 \cdot 62 \\ 72 \cdot 53 \end{array}$	71·20 70·95 70·95 71·03 71·03	$\begin{array}{c} 70 \cdot 37 \\ 70 \cdot 28 \\ 70 \cdot 20 \\ 70 \cdot 20 \\ 70 \cdot 20 \\ 70 \cdot 20 \end{array}$	69·95 69·95 69·95 69·95 69·87	68·53 68·37 68·37 68·37 68·28	$\begin{array}{c} 70 \cdot 95 \\ 70 \cdot 95 \\ 70 \cdot 95 \\ 71 \cdot 03 \\ 71 \cdot 20 \end{array}$	70·78 70·78 70·78 70·78 70·70	71·20 71·20 71·28 71·37 71·37	71·45 71·37 71·37 71·37 71·37	$\begin{array}{c} 72 \cdot 37 \\ 73 \cdot 20 \\ 73 \cdot 37 \\ 74 \cdot 03 \\ 74 \cdot 20 \end{array}$
16	79·12 79·20 79·37 79·70 79·70	77·20 77·03 76·95 76·70 76·70	$\begin{array}{c} 72 \cdot 53 \\ 72 \cdot 53 \\ 72 \cdot 45 \\ 72 \cdot 45 \\ 72 \cdot 45 \end{array}$	$\begin{array}{c} 71 \cdot 03 \\ 71 \cdot 03 \\ 71 \cdot 03 \\ 71 \cdot 12 \\ 71 \cdot 20 \end{array}$	70·20 70·03 70·03 70·03 69·95	69·87 69·87 69·78 69·70 69·70	$68 \cdot 28$ $68 \cdot 28$ $68 \cdot 28$ $68 \cdot 28$ $68 \cdot 37$	71·37 71·45 71·62 71·87 71·87	70·70 70·70 70·70 70·70 70·87	71·37 71·37 71·37 71·28 71·28	$\begin{array}{c} 71 \cdot 37 \\ 71 \cdot 20 \end{array}$	74 · 20 74 · 20 74 · 37 74 · 53 74 · 70
21	79 · 95 80 · 03 80 · 28 80 · 45 80 · 53	76·53 76·03 75·95 75·70 75·53	$\begin{array}{c} 72 \cdot 20 \\ 72 \cdot 12 \\ 71 \cdot 87 \\ 71 \cdot 70 \\ 71 \cdot 70 \end{array}$	71 · 28 70 · 95 70 · 95 70 · 95 70 · 87	69-87 69-70 69-70 69-70 69-70	69·53 69·37 69·03 69·03 68·87	68 · 53 68 · 53 68 · 78 68 · 87 68 · 95	71.87 71.78 71.70 71.70 71.70	70·87 70·87 70·78 70·78 70·78	$\begin{array}{c} 71 \cdot 28 \\ 71 \cdot 12 \end{array}$	71·20 71·20 71·20 71·45 71·45	$74 \cdot 70 \\ 74 \cdot 12 \\ 74 \cdot 12 \\ 74 \cdot 12 \\ 74 \cdot 12 \\ 74 \cdot 12$
26. 27. 28. 29. 30.	80·70 80·70 80·70 80·70 80·70	75·37 75·37 75·20 75·03 74·70 74·20	71.70 71.70 71.70 71.70 71.70	70 · 87 70 · 87 70 · 87 70 · 78 70 · 78 70 · 70	69·70 69·70 69·70 69·70 69·70 69·70	68 · 87 68 · 70 68 · 70 68 · 70 68 · 62	69·12 69·28 69·45 69·53 69·70 69·87	71 · 62 71 · 62 71 · 53 71 · 37 71 · 28	70·78 70·78 70·70 70·70 70·70 70·70	71.28	71·45 71·45	73.87 73.87 73.87 73.78 73.70 73.37

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1871-72.

TABLE No. 455.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	73·37 73·37 73·70 73·87 73·87	77.70 78.20 78.37 78.53 78.87	76·20 76·03 76·03 75·78 75·70	73·53 73·37 73·37 73·20 73·03	71.53 71.45 71.45 71.37 71.37	70·28 70·28 70·12 70·12 70·03	69 · 20 69 · 12 69 · 16 69 · 20 69 · 20	70·28 70·28 70·28 70·28 70·28	70·20 70·20 70·20 70·12 70·12	69·95 69·95 69·95 70·12 70·20	70·20 70·20 70·20 70·20 70·20 70·28	70·20 70·20 70·37 70·37 70·37
6	73.87 73.95 73.95 74.03 74.20	79·03 79·03 78·87 79·20 79·20	75·70 75·53 75·53 75·45 75·28	$\begin{array}{c} 72 \cdot 95 \\ 72 \cdot 87 \\ 72 \cdot 70 \\ 72 \cdot 70 \\ 72 \cdot 70 \\ 72 \cdot 70 \end{array}$	$71 \cdot 28$ $71 \cdot 20$	69 · 87 69 · 78 69 · 70 69 · 87 69 · 87	$69 \cdot 28$ $69 \cdot 45$ $69 \cdot 28$ $69 \cdot 28$ $69 \cdot 20$	$70 \cdot 20$ $70 \cdot 28$	$70 \cdot 12$ $70 \cdot 12$ $70 \cdot 03$ $69 \cdot 95$ $69 \cdot 95$	$\begin{array}{c} 70 \cdot 20 \\ 70 \cdot 20 \\ 70 \cdot 20 \\ 70 \cdot 20 \\ 70 \cdot 37 \end{array}$	70·37 70·37 70·37 70·28 70·20	70·37 70·45 70·53 70·53 70·45
11	74·20 74·28 74·37 74·53 74·70	79·12 79·12 79·12 78·78 78·62	75·20 75·20 74·95 74·95 74·95	$\begin{array}{c} 72 \cdot 62 \\ 72 \cdot 62 \\ 72 \cdot 53 \\ 72 \cdot 45 \\ 72 \cdot 20 \end{array}$	71·20 71·12 71·03 70·95 70·95	69·78 69·70 69·62 69·62 69·62	69·20 69·20 69·28 69·28 69·62	70·28 70·20 70·20 70·37 70·78	69·87 69·87 69·70 69·70 69·70	70·37 70·45 70·45 70·45 70·37	70·20 70·20 70·20 70·20 70·20 70·20	70·28 70·37 70·45 70·45 70·45
16	74·70 74·70 74·78 75·03 75·20	78·53 78·37 78·28 77·78 77·53	74·70 74·70 74·70 74·70 74·70	$\begin{array}{c} 72 \cdot 20 \\ 72 \cdot 12 \\ 72 \cdot 12 \\ 72 \cdot 03 \\ 72 \cdot 03 \end{array}$	70·87 70·87 70·78 70·70 70·70	69·53 69·37 69·45 69·45 69·37	69·53 69·70 69·78 69·78 69·70	70 · 70 70 · 70 70 · 70 70 · 70 70 · 70	69·70 69·70 69·70 69·70 69·70	70·37 70·37 70·37 70·37 70·37	70·20 70·28 70·28 70·28 70·28	70·45 70·45 70·45 70·45 70·45
21 22 23 24 25	75·37 75·62 75·70 75·95 76·28	77.53 77.45 77.28 77.03 76.78	74·37 74·37 74·20 74·20 73·87	71.95 71.87 71.87 71.87 71.78	70·70 70·70 70·70 70·62 70·53	$69 \cdot 37$ $69 \cdot 37$ $69 \cdot 28$ $69 \cdot 28$ $69 \cdot 28$	69 · 62 69 · 70 69 · 87 69 · 95 70 · 12	70·53 70·53 70·53 70·53 70·53	69·70 69·70 69·70 69·70 69·76	$\begin{array}{c} 70 \cdot 28 \\ 70 \cdot 20 \\ 76 \cdot 20 \\ 70 \cdot 20 \\ 70 \cdot 20 \end{array}$	70·28 70·37 70·28 70·20 70·20	70·53 70·53 70·53 70·53 70·53
26 27 28 29 30 31	76·53 76·78 76·95 77·20 77·37	76·70 76·70 76·70 76·62 76·37 76·20	73·87 73·78 73·70 73·70 73·70	71.78 71.76 71.70 71.70 71.70 71.70 71.53	76 · 53 70 · 53 70 · 45 70 · 37 70 · 37 70 · 37	69·28 69·20 69·20 69·16 69·12	70 · 63 70 · 12 76 · 12 70 · 20 70 · 20 70 · 20 70 · 20	70·45 70·37 70·20 70·20 70·20	69·70 69·70 69·70 69·70 69·70 69·70	70·20 70·20 70·20 70·20 70·20 70·20 70·20	70·20 70·28 70·37 70·45	70·45 70·28 70·28 70·28 70·03 70·03

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1872-73.

TABLE No. 456.

		-							-		-	-
1	$70 \cdot 20$ $70 \cdot 28$ $70 \cdot 37$ $70 \cdot 37$ $70 \cdot 37$	74 · 87 75 · 20 75 · 45 75 · 45 75 · 45	76·70 76·53 76·62 76·70 76·78	$73 \cdot 28$ $73 \cdot 28$ $73 \cdot 20$ $73 \cdot 12$ $73 \cdot 03$	71 · 62 71 · 70 71 · 62 71 · 62 71 · 70	70·45 70·45 70·45 70·45 70·45	71.95 71.70 71.70 71.62 71.78	$\begin{array}{c} 72\cdot 53 \\ 72\cdot 62 \\ 72\cdot 53 \\ 72\cdot 45 \\ 72\cdot 37 \end{array}$	71·28 71·37 71·28 71·37 71·28	71·87 71·62 71·53 71·62 71·62	73.03 72.95 72.95 73.03 73.03	$\begin{array}{c} 72 \cdot 62 \\ 72 \cdot 45 \\ 72 \cdot 20 \\ 72 \cdot 12 \\ 72 \cdot 03 \end{array}$
6	$70.45 \\ 70.45 \\ 70.53 \\ 70.53 \\ 70.53$	$\begin{array}{c} 75 \cdot 78 \\ 76 \cdot 03 \\ 76 \cdot 28 \\ 76 \cdot 53 \\ 76 \cdot 62 \end{array}$	76·78 76·78 76·70 76·70 76·62	$\begin{array}{c} 72 \cdot 95 \\ 72 \cdot 87 \\ 72 \cdot 87 \\ 72 \cdot 87 \\ 72 \cdot 95 \\ 72 \cdot 70 \end{array}$	$71 \cdot 53$ $71 \cdot 45$ $71 \cdot 37$ $71 \cdot 37$ $71 \cdot 20$	70 · 62 70 · 62 70 · 78 70 · 95 70 · 95	71·78 71·95 72·53 72·62 72·62	$\begin{array}{c} 72 \cdot 45 \\ 72 \cdot 28 \\ 72 \cdot 12 \\ 71 \cdot 95 \\ 71 \cdot 95 \end{array}$	71·37 71·28 71·28 71·28 71·28 71·28	$\begin{array}{c} 71 \cdot 62 \\ 71 \cdot 62 \\ 71 \cdot 70 \\ 71 \cdot 70 \\ 71 \cdot 62 \end{array}$	$\begin{array}{c} 72 \cdot 87 \\ 72 \cdot 62 \\ 72 \cdot 37 \\ 72 \cdot 45 \\ 72 \cdot 45 \end{array}$	72·03 72·03 72·03 71·87 71·78
11	$\begin{array}{c} 71 \cdot 37 \\ 72 \cdot 20 \\ 72 \cdot 70 \\ 73 \cdot 28 \\ 72 \cdot 70 \end{array}$	76.95 77.12 77.45 77.78 77.87	$\begin{array}{c} 76 \cdot 45 \\ 76 \cdot 20 \\ 76 \cdot 20 \\ 76 \cdot 63 \\ 75 \cdot 95 \end{array}$	$\begin{array}{c} 72 \cdot 62 \\ 72 \cdot 53 \\ 72 \cdot 45 \\ 72 \cdot 37 \\ 72 \cdot 28 \end{array}$	71·20 71·12 71·03 71·03 70·87	70 · 87 70 · 87 70 · 78 70 · 70 70 · 87	$\begin{array}{c} 72 \cdot 45 \\ 72 \cdot 45 \\ 72 \cdot 45 \\ 72 \cdot 37 \\ 72 \cdot 28 \end{array}$	$\begin{array}{c} 72 \cdot 03 \\ 71 \cdot 95 \\ 71 \cdot 95 \\ 72 \cdot 03 \\ 71 \cdot 95 \end{array}$	$\begin{array}{c} 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 45 \\ 71 \cdot 37 \end{array}$	71·70 71·70 71·70 71·70 71·70 71·87	$\begin{array}{c} 72 \cdot 62 \\ 73 \cdot 63 \\ 73 \cdot 12 \\ 73 \cdot 12 \\ 73 \cdot 20 \end{array}$	71·70 71·78 71·70 71·62 71·53
16	$\begin{array}{c} 73 \cdot 03 \\ 73 \cdot 12 \\ 73 \cdot 03 \\ 73 \cdot 20 \\ 73 \cdot 20 \end{array}$	78·03 78·20 77·87 78·20 78·12	$\begin{array}{c} 75 \cdot 70 \\ 75 \cdot 62 \\ 75 \cdot 62 \\ 75 \cdot 45 \\ 75 \cdot 12 \end{array}$	$\begin{array}{c} 72 \cdot 53 \\ 72 \cdot 28 \end{array}$	70.95 70.87 70.78 70.70 70.78	70 · 87 70 · 95 71 · 12 71 · 53 71 · 53	72·37 72·53 72·45 72·45 72·53	72·03 71·78 71·70 71·87 71·70	71·37 71·37 71·37 71·53 71·53	$\begin{array}{c} 72 \cdot 03 \\ 71 \cdot 95 \\ 72 \cdot 03 \\ 72 \cdot 12 \\ 72 \cdot 28 \end{array}$	72.95 73.03 73.03 72.87 72.62	71·62 71·53 71·70 71·70 71·62
21 22 23 24 25	73·28 73·53 73·53 73·70 73·70	77.78 77.70 77.70 77.70 77.53	74.87 74.70 74.53 74.53 73.95	72·20 71·87 71·87 71·78 71·78	70 · 70 71 · 03 71 · 12 70 · 95 70 · 95	$\begin{array}{c} 71 \cdot 87 \\ 71 \cdot 95 \\ 72 \cdot 03 \\ 72 \cdot 03 \\ 72 \cdot 20 \end{array}$	$\begin{array}{c} 72 \cdot 70 \\ 72 \cdot 70 \\ 72 \cdot 62 \\ 72 \cdot 53 \\ 72 \cdot 62 \end{array}$	71.78 71.62 71.62 71.53 71.53	71·53 71·53 71·53 71·53 71·53	72·20 72·45 72·37 72·37 72·62	72·45 72·62 72·70 72·78 72·87	71·70 71·70 71·62 71·62 71·70
26 27 28 29 30 31	73·87 74·03 74·53 74·53 74·70	77·37 77·20 77·12 77·03 76·95 76·78	73.95 73.95 73.78 73.62 73.37	71.87 71.70 71.78 71.78 71.87 71.87	70·78 70·70 70·78 70·62 70·62 70·53	72.03 71.95 71.95 72.12 71.95	$\begin{array}{c} 72 \cdot 62 \\ 72 \cdot 62 \\ 72 \cdot 62 \\ 72 \cdot 62 \\ 72 \cdot 53 \\ 72 \cdot 62 \\ 72 \cdot 62 \end{array}$	71·45 71·53 71·45 71·37 71·28	$\begin{array}{c} 71 \cdot 62 \\ 71 \cdot 62 \\ 71 \cdot 70 \\ 71 \cdot 70 \\ 71 \cdot 78 \\ 71 \cdot 87 \end{array}$	72.87	73-03 72-95 72-87	71 · 70 71 · 87 71 · 95 71 · 87 72 · 03 72 · 20

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1873-74.

TABLE No. 457.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	72·37 72·45 72·53 72·78 73·03	76.03 76.20 76.45 76.95 77.20	79·78 79·70 79·53 79·20 79·12	74·28 74·12 74·03 74·03 74·03	72·28 72·28 72·28 72·28 72·28 72·20	70·70 70·62 70·62 70·70 70·62	70·87 70·95 71·20 71·45 71·78	73·03 73·12 72·95 72·95 72·87	72·45 72·37 72·20 72·28 72·37	72·62 72·37 72·28 72·03 72·12	73·62 73·62 73·87 73·70 73·62	72·70 72·53 72·28 72·53 72·70
6	73·37 73·62 73·95 74·20 74·53	77.28 77.37 77.45 77.62 77.87	78 · 78 78 · 45 78 · 28 78 · 62 77 · 78	73 · 95 73 · 95 73 · 87 73 · 78 73 · 70	72·12 72·03 71·95 71·95 71·95	70·70 70·62 70·62 70·53 70·62	72·20 72·45 72·45 72·53 72·70	72·87 72·87 72·95 72·70 72·78	72·45 72·78 72·95 72·70 72·53	72·20 72·37 72·62 72·70 72·78	73-95 73-87 73-78 73-70 73:62	73 · 12 73 · 28 73 · 45 73 · 53 73 · 53
11	75·20 75·70 76·12 76·53 77·62	77.95 78.12 78.28 78.62 79.03	77 · 70 77 · 45 77 · 20 76 · 95 76 · 78	73 · 62 73 · 53 73 · 37 73 · 28 73 · 12	71.95 72.03 71.95 71.87 71.78	70·53 70·45 70·45 70·37 70·45	72·70 72·53 72·45 72·28 72·37	72 · 70 72 · 45 72 · 62 72 · 53 72 · 62	72·53 72·37 72·28 72·45 72·53	72.95 72.95 73.03 73.03 73.20	73-37 73-28 73-12 73-03 72-95	73 · 62 73 · 53 73 · 78 73 · 95 73 · 78
16	78·12 78·03 77·87 77·53 77·28	79.53 79.70 79.78 79.87 79.87	76-62 76-53 76-37 76-03 75-62	73 · 12 73 · 12 73 · 03 72 · 95 72 · 78	71·70 71·53 71·53 71·45 71·45	70·45 70·20 70·28 70·45 70·28	72·20 72·28 72·28 72·28 72·45	72·62 72·70 72·78 72·70 72·53	$\begin{array}{c} 72 \cdot 53 \\ 72 \cdot 37 \\ 72 \cdot 20 \\ 72 \cdot 03 \\ 72 \cdot 20 \end{array}$	73·37 73·53 73·53 73·37 73·20	72 · 87 73 · 03 73 · 28 73 · 28 73 · 20	73 · 62 73 · 37 73 · 12 72 · 95 73 · 37
21	76.78 76.70 76.53 76.37 76.20	79.87 79.70 79.62 79.53 79.62	75-37 75-37 75-37 75-12 74-95	72·70 72·62 72·53 72·45 72·45	71·37 71·28 71·12 71·12 71·12	70·37 70·45 70·53 70·53 70·78	72·78 72·78 72·62 72·62 72·53	$\begin{array}{c} 72 \cdot 45 \\ 72 \cdot 37 \\ 72 \cdot 12 \\ 72 \cdot 20 \\ 72 \cdot 12 \end{array}$	$\begin{array}{c} 72 \cdot 53 \\ 72 \cdot 62 \\ 72 \cdot 45 \\ 72 \cdot 28 \\ 72 \cdot 12 \end{array}$	73 · 03 73 · 03 73 · 12 73 · 12 73 · 37	73 · 28 73 · 12 73 · 20 73 · 28 73 · 12	73 · 87 74 · 03 74 · 28 74 · 45 74 · 28
26. 27. 28. 29. 30. 31.	76·12 76·20 76·03 76·03 76·03	79·70 79·70 79·87 80·03 80·03 79·78	74·78 74·53 74·53 74·45 74·37	72·45 72·37 72·37 72·37 72·37 72·37 72·28	71 · 03 71 · 03 70 · 95 70 · 95 70 · 95 70 · 87	70·70 70·78 70·70 70·78 70·78 70·87	72·62 72·70 72·95 73·03 73·12 73·20	72·12 72·20 72·03 72·28 72·28	71.95 72.28 72.53 72.28 72.37 72.37		73·12 72·95 72·95	$\begin{array}{c} 74 \cdot 20 \\ 73 \cdot 70 \\ 73 \cdot 53 \\ 73 \cdot 28 \\ 73 \cdot 12 \\ 72 \cdot 95 \end{array}$

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1874-75.

TABLE No. 458.

				-								
1	72.78 72.70 72.62 72.45 72.28	$\begin{array}{c} 72 \cdot 62 \\ 72 \cdot 53 \\ 72 \cdot 45 \\ 72 \cdot 37 \\ 72 \cdot 53 \end{array}$	78 · 53 78 · 53 78 · 53 78 · 37 78 · 28	76·45 76·20 76·03 75·95 75·87	72·37 72·28 72·20 72·03 72·12	70·28 70·37 70·28 70·28 70·28 70·20	69 · 62 69 · 70 69 · 70 69 · 70 69 · 70	69·70 69·70 69·62 69·70 69·62	70·03 70·12 70·03 70·12 69·95	70·70 70·78 70·78 70·70 70·87	70·62 70·53 70·28 70·28 70·37	72 · 62 72 · 70 72 · 70 72 · 78 72 · 87
6	72 · 28 72 · 12 71 · 95 71 · 95 71 · 95	72·70 72·87 72·95 73·20 73·45	78 · 20 78 · 12 78 · 03 77 · 95 77 · 87	75 · 62 75 · 45 75 · 28 75 · 28 75 · 03	72·03 72·03 72·03 71·87 71·78	$70 \cdot 20$ $70 \cdot 12$ $70 \cdot 12$ $70 \cdot 12$ $70 \cdot 12$ $70 \cdot 03$	69·87 69·87 69·87 69·87 69·87	69·53 69·87 69·87 69·95 69·87	$\begin{array}{c} 70 \cdot 03 \\ 70 \cdot 12 \\ 70 \cdot 12 \\ 70 \cdot 03 \\ 69 \cdot 95 \end{array}$	$70 \cdot 70$ $70 \cdot 53$ $70 \cdot 45$ $70 \cdot 53$ $70 \cdot 62$	$70 \cdot 28$ $70 \cdot 53$ $70 \cdot 70$ $70 \cdot 95$ $71 \cdot 28$	$\begin{array}{c} 72 \cdot 78 \\ 72 \cdot 70 \\ 72 \cdot 70 \\ 72 \cdot 70 \\ 72 \cdot 62 \end{array}$
11 12 13 14 15	71.78 71.70 71.70 71.78 72.03	73 · 70 74 · 03 74 · 28 74 · 62 75 · 20	77·70 77·53 77·62 77·70 77·62	74·87 74·78 74·70 74·53 74·20	71 · 70 71 · 62 71 · 62 71 · 45 71 · 37	70·03 69·95 69·87 69·87 69·87	69 · 87 69 · 87 69 · 87 69 · 78 69 · 78	70·03 69·95 69·95 69·87 69·87	70·12 70·03 69·95 70·03 70·12	70·53 70·62 70·53 70·45 70·53	$\begin{array}{c} 71 \cdot 70 \\ 72 \cdot 03 \\ 72 \cdot 20 \\ 72 \cdot 45 \\ 72 \cdot 70 \end{array}$	$\begin{array}{c} 72 \cdot 12 \\ 71 \cdot 87 \\ 71 \cdot 70 \\ 71 \cdot 78 \\ 71 \cdot 53 \end{array}$
16	72·37 73·28 72·95 73·03 73·12	75·53 75·87 76·20 76·53 76·87	77 · 53 77 · 53 77 · 45 77 · 62 77 · 62	74·12 73·95 73·70 73·70 73·70	$\begin{array}{c} 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 12 \\ 71 \cdot 12 \\ 71 \cdot 12 \\ 70 \cdot 95 \end{array}$	69·87 69·87 69·87 69·87 69·87	$69 \cdot 78$ $69 \cdot 70$ $69 \cdot 70$ $69 \cdot 62$ $69 \cdot 70$	69 · 95 70 · 12 70 · 03 69 · 95 69 · 87	70·03 70·20 70·28 70·37 70·45	70·62 70·70 70·62 70·87 70·95	72·78 72·70 72·87 72·87 72·87 72·87	$71 \cdot 53$ $71 \cdot 53$ $71 \cdot 70$ $71 \cdot 53$ $71 \cdot 70$
21 22 23 24 25	73 · 12 73 · 20 73 · 28 73 · 37 73 · 45	77·28 77·53 78·03 78·37 78·62	77 · 62 77 · 70 77 · 78 77 · 70 77 · 70	73 · 53 73 · 45 73 · 37 73 · 20 73 · 03	70·78 70·70 70·78 70·78 70·78 70·78	69·78 69·70 69·70 69·70 69·78	$69 \cdot 78$ $69 \cdot 87$ $69 \cdot 78$ $69 \cdot 70$ $69 \cdot 70$	69 · 95 69 · 95 70 · 03 70 · 03 69 · 95	70 · 53 70 · 37 70 · 45 70 · 53 70 · 62	70·87 70·78 70·87 70·95 70·87	72·87 72·78 72·87 72·70 72·70	$71 \cdot 78$ $71 \cdot 70$ $71 \cdot 62$ $71 \cdot 62$ $71 \cdot 62$
26	73·28 73·37 73·20 73·03 72·95	78·45 78·45 78·37 78·45 78·45 78·45	77 · 53 77 · 70 77 · 28 76 · 95 76 · 62	72·87 72·78 72·78 72·70 72·62 72·37	70·70 70·70 70·70 70·70 70·45 70·53	69·70 69·78 69·70 69·70 69·62	69·70 69·78 69·70 69·62 69·70	70·03 70·12 70·03 69·95 70·03	70·45 70·28 70·45 70·53 70·70 70·70	70.95	72·70 72·53 72·53	71·45 71·37 71·37 71·28 71·20 71·20

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1875-76.

TABLE No. 459.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1		73·12 73·37 73·53 73·70 74·03	78-12 77-87 77-70 77-37 77-03	73·12 73·03 72·95 72·87 72·78			70·53 70·45 70·53 70·62 70·62	71·37 71·28 71·37 71·37 71·45	71.62 71.70 71.53 71.37 71.37	71·28 71·28 71·20 71·37 71·45	72·53 72·70 72·95 73·03 72·87	74·45 74·20 73·95 73·53 73·45
6		74 · 28 74 · 53 74 · 62 75 · 03 75 · 37	76·70 76·45 76·28 76·20 76·03	72·70 72·70 72·62 72·53 72·45	71 · 62 71 · 45 71 · 45 71 · 37 71 · 37		70-62 70-70 70-78 70-87 70-87	71 · 45 71 · 62 71 · 62 71 · 70 71 · 70	71·45 71·37 71·28 71·28 71·28	71.62 71.70 71.78 72.03 72.28	72·87 72·78 72·78 72·78 72·78 72·70	73·20 73·03 73·37 73·78 74·12
11		75·70 76·37 77·03 77·70 78·37	75·78 75·62 75·20 74·95 74·70	$\begin{array}{c} 72 \cdot 28 \\ 72 \cdot 28 \\ 72 \cdot 20 \\ 72 \cdot 12 \\ 72 \cdot 12 \end{array}$	71·37 71·28 71·37 71·28 71·37		70·95 70·95 71·03 71·12 71·20	71 · 62 71 · 62 71 · 53 71 · 78 71 · 62	$71 \cdot 28$ $71 \cdot 20$ $71 \cdot 20$ $71 \cdot 28$ $71 \cdot 37$	72·53 72·70 72·87 72·95 73·03	72·70 72·70 72·62 72·62 72·62 72·87	74·45 74·53 74·53 74·45 74·53
16. 17. 18. 19.		78-95 79-37 79-95 80-03 80-03	74 · 62 74 · 53 74 · 37 74 · 20 74 · 03	72.03 71.95 71.87 71.78 71.87	71 · 45 71 · 70 71 · 87 71 · 95 72 · 03		$71 \cdot 20$ $71 \cdot 12$ $71 \cdot 20$ $71 \cdot 28$ $71 \cdot 28$	71·53 71·28 71·95 71·78 71·62	71·28 71·20 71·28 71·37 71·37	72·87 72·70 72·62 72·70 72·87	73 · 20 73 · 37 73 · 53 73 · 70 73 · 70	
21 22 23 24 25		80·03 79·95 79·78 79·70 79·45	74 · 03 73 · 87 73 · 70 73 · 62 73 · 53	71.78 71.87 71.95 71.78 71.70	71 · 95 71 · 78 71 · 78 71 · 70 71 · 70		71·28 71·28 71·20 71·28 71·37	71·45 71·37 71·45 71·37 71·37	71·45 71·45 71·45 71·37 71·28	72.95 73.03 73.12 73.12 72.95	73 · 70 73 · 78 74 · 12 74 · 37 74 · 62	74.62 74.53 74.45
26 27 28 29 30 31		79-28 79-20 78-95 78-70 78-53 78-28	73 · 45 73 · 28 73 · 28 73 · 28 73 · 20	71.87 71.95 72.03 71.95 71.87 71.78	71-78 71-78 71-70 71-62 71-53 71-53		71·37 71·28 71·28 71·45 71·62 71·37	71 · 28 71 · 28 71 · 28 71 · 28 71 · 37 71 · 45	71 · 28 71 · 20 71 · 28 71 · 28 71 · 28 71 · 28 71 · 28		74·70 74·62 74·45 74·70	73.87 73.87 73.78

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1876-77.

TABLE No. 460.

	- 20			-							
1	73 · 20 73 · 03 72 · 95 72 · 95 72 · 87	78·12 78·20 78·28 78·37 78·62	81 · 20 80 · 87 80 · 62 80 · 45 80 · 20	76·20 76·03 75·62 75·45 75·37	$\begin{array}{c} 72\cdot 45 \\ 72\cdot 37 \\ 72\cdot 28 \\ 72\cdot 20 \\ 72\cdot 28 \end{array}$	70·37 70·45 70·28 70·20 70·20	70 · 87 70 · 95 70 · 87 70 · 95 70 · 95	71·45 71·45 71·45 71·37 71·28	$\begin{array}{c} 72 \cdot 03 \\ 71 \cdot 95 \\ 72 \cdot 05 \\ 72 \cdot 20 \\ 72 \cdot 30 \end{array}$	71.95 71.80 71.70 71.55 71.30	$\begin{array}{c} 70 \cdot 30 \\ 70 \cdot 20 \\ 70 \cdot 20 \\ 70 \cdot 30 \\ 70 \cdot 20 \end{array}$
6	$\begin{array}{c} 72 \cdot 95 \\ 73 \cdot 03 \\ 72 \cdot 95 \\ 72 \cdot 95 \\ 72 \cdot 95 \end{array}$	78·78 79·45 80·03 80·37 80·87	79·95 79·53 79·20 78·87 78·70	75·37 75·28 75·37 75·37 75·37	72·03 72·03 71·87 71·78 71·70	70 · 20 70 · 20 70 · 20 70 · 20 70 · 20 70 · 20	71·12 71·20 71·20 71·37 71·45	71 · 28 71 · 20 71 · 20 71 · 28 71 · 37	$\begin{array}{c} 72 \cdot 35 \\ 72 \cdot 35 \\ 72 \cdot 45 \\ 72 \cdot 45 \\ 72 \cdot 45 \\ 72 \cdot 45 \end{array}$	71 · 10 71 · 05 71 · 05 70 · 95 71 · 05	70 · 20 70 · 20 70 · 30 70 · 45 70 · 55
11 12 13 14 15	72 · 87 72 · 87 73 · 20 73 · 70 74 · 37	81 · 28 81 · 95 82 · 20 82 · 70 83 · 03	78 · 62 78 · 28 78 · 03 78 · 03 78 · 03	75·28 75·03 74·87 74·87 74·70	71 · 62 71 · 53 71 · 53 71 · 45 71 · 53	70 · 12 70 · 03 70 · 03 70 · 03 70 · 03 70 · 03	71·53 71·53 71·62 71·62 71·78	$\begin{array}{c} 71 \cdot 28 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 28 \end{array}$	$\begin{array}{c} 72 \cdot 45 \\ 72 \cdot 35 \\ 72 \cdot 30 \\ 72 \cdot 35 \\ 72 \cdot 35 \\ 72 \cdot 30 \end{array}$	70.95 71.05 70.95 71.10 70.95	70·45 70·45 70·45 70·35 70·45
16	75.62 75.95 76.37 76.53 76.53	83 · 20 83 · 20 83 · 28 83 · 12 82 · 95	$\begin{array}{c} 78 \cdot 12 \\ 78 \cdot 12 \\ 78 \cdot 20 \\ 78 \cdot 20 \\ 78 \cdot 20 \end{array}$	74·45 74·28 74·12 73·87 73·70	$\begin{array}{c} 71 \cdot 45 \\ 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 12 \\ 71 \cdot 12 \\ \end{array}$	70 · 03 70 · 03 70 · 03 70 · 03 70 · 03 70 · 03	71·78 71·78 71·78 71·78 71·78	71·28 71·37 71·45 71·53 71·62	$\begin{array}{c} 72 \cdot 30 \\ 72 \cdot 55 \\ 72 \cdot 55 \\ 72 \cdot 45 \\ 72 \cdot 30 \end{array}$	70·95 71·05 71·10 71·20 71·20	70·45 70·55 70·45 70·45 70·55
21 22 23 24 25.	76·70 77·03 77·45 77·70 78·45	$82 \cdot 70$ $82 \cdot 62$ $82 \cdot 53$ $82 \cdot 37$ $82 \cdot 28$	78 · 12 78 · 12 77 · 95 77 · 70 77 · 53	73 · 45 73 · 28 73 · 12 73 · 03 72 · 95	70.95 70.87 70.95 70.87 70.78	69 · 95 69 · 87 69 · 87 69 · 78 69 · 78	71·78 71·78 71·70 71·70 71·70	71·70 71·78 71·70 71·70 71·70	$\begin{array}{c} 72 \cdot 30 \\ 72 \cdot 20 \\ 72 \cdot 10 \\ 72 \cdot 05 \\ 72 \cdot 10 \end{array}$	71·30 71·10 70·95 70·85 70·70	70·45 70·35 70·35 70·35 70·45
26	77-87 78-03 78-03 77-78 77-95	$\begin{array}{c} 82 \cdot 12 \\ 82 \cdot 03 \\ 81 \cdot 78 \\ 81 \cdot 62 \\ 81 \cdot 45 \\ 81 \cdot 37 \end{array}$	77·37 77·37 77·03 76·70 76·45	$\begin{array}{c} 72 \cdot 95 \\ 72 \cdot 70 \\ 72 \cdot 70 \\ 72 \cdot 62 \\ 72 \cdot 62 \\ 72 \cdot 62 \\ 72 \cdot 53 \end{array}$	70 · 62 70 · 70 70 · 53 70 · 53 70 · 53 70 · 53	69·78 69·62 69·62 69·62 69·62	71 · 62 71 · 62 71 · 53 71 · 37 71 · 45	$\begin{array}{c} 71 \cdot 62 \\ 71 \cdot 70 \\ 71 \cdot 87 \\ 71 \cdot 95 \\ 72 \cdot 12 \\ 72 \cdot 12 \end{array}$	$\begin{array}{c} 72\cdot 30 \\ 72\cdot 55 \\ 72\cdot 55 \\ 72\cdot 30 \\ 72\cdot 10 \\ 72\cdot 10 \end{array}$	70·55 70·30 70·30	70·35 70·45 70·55 70·70 70·70 70·85

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1877-78.

'ABLE No

						1					OLE .	101.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71·05 71·30 71·60 71·10 72·05	74 · 60 74 · 55 74 · 45 74 · 55 74 · 45	73·35 73·30 73·20 73·10 73·05	71·85 71·70 71·85 71·95 71·95	71 · 20 71 · 10 71 · 10 71 · 05 71 · 05	70·45 70·35 70·30 70·30 70·20	69·60 69·70 69·80 69·85 69·70	70·70 70·80 70·55 70·60 70·70	72·30 72·35 72·45 72·55 72·55	71·70 71·70 71·70 71·62 71·62	72·20 72·45 72·28 71·95 70·45	70·53 70·53 70·45 70·45 70·53
6	72·30 72·35 72·45 72·55 72·70	74·45 74·55 74·45 74·45 74·20	72.85 72.80 72.70 72.70 72.60	71.95 72.05 71.95 71.85 71.95	70 · 95 70 · 85 70 · 85 70 · 95 70 · 85	70·30 70·30 70·30 70·30 70·30	69.80 69.85 69.95 69.95	70·70 70·85 70·95 71·05 71·05	72·55 72·55 72·60 72·55 72·55	71 · 53 71 · 62 71 · 70 71 · 62 71 · 53	70 · 12 69 · 95 69 · 87 69 · 78 69 · 95	70·53 70·45 70·45 70·62 70·95
11 12 13 14 15	72·80 72·85 72·80 72·70 72·60	73 · 95 73 · 80 73 · 70 73 · 55 73 · 45	$\begin{array}{c} 72 \cdot 60 \\ 72 \cdot 55 \\ 72 \cdot 45 \\ 72 \cdot 30 \\ 72 \cdot 20 \end{array}$	71 · 85 71 · 80 71 · 80 71 · 70 71 · 80	70 · 95 70 · 95 70 · 80 70 · 80 70 · 70	$70 \cdot 20$ $70 \cdot 20$ $70 \cdot 20$ $70 \cdot 10$ $70 \cdot 10$	69 · 95 70 · 05 70 · 10 70 · 20 70 · 20	$\begin{array}{c} 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 30 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 20 \end{array}$	72·55 72·55 72·60 72·60 72·55	71 · 62 71 · 53 71 · 53 71 · 45 71 · 45	69·87 69·70 69·95 69·87 69·87	71 · 20 71 · 53 71 · 53 71 · 53 71 · 53
16	72·55 72·45 72·60 72·70 72·85	73·45 73·55 73·45 73·35 73·35	$72 \cdot 30$ $72 \cdot 20$ $72 \cdot 10$ $72 \cdot 10$ $72 \cdot 20$	71 · 70 71 · 70 71 · 80 71 · 70 71 · 60	70 · 80 70 · 80 70 · 85 70 · 85 70 · 85	70·05 69·95 69·85 69·85 69·70	70·30 70·35 70·35 70·45 70·45	71·20 71·30 71·35 71·35 71·35	$\begin{array}{c} 72 \cdot 60 \\ 72 \cdot 45 \\ 72 \cdot 35 \\ 72 \cdot 30 \\ 72 \cdot 30 \end{array}$	71 · 53 71 · 53 71 · 62 71 · 70 71 · 70	69·95 69·87 69·95 69·95 69·87	71.62 71.53 71.45 71.45 71.37
21	73·10 73·55 73·60 73·85 74·10	73 · 45 73 · 55 73 · 55 73 · 45 73 · 55	72·10 72·05 72·05 72·10 72·05	71 · 55 71 · 55 71 · 45 71 · 35 71 · 30	70 · 95 70 · 85 70 · 80 70 · 70 70 · 70	69·70 69·60 69·60 69·60 69·60	70·55 70·55 70·55 70·60 70·70	71 · 45 71 · 45 71 · 60 71 · 80 71 · 95	72·20 72·20 72·05 72·10 72·05	71 · 62 71 · 53 71 · 45 71 · 62 71 · 70	70·03 69·95 69·95 69·95 69·95	71·37 71·37 71·28 71·28 71·20
26	74·30 74·35 74·55 74·60 74·70	73 · 60 73 · 60 73 · 60 73 · 55 73 · 45 73 · 45	72·05 72·10 72·10 72·05 72·05	71 · 20 71 · 10 71 · 10 71 · 20 71 · 30 71 · 30	70·55 70·55 70·45 70·45 70·45 70·45	69 · 60 69 · 60 69 · 60 69 · 60 69 · 60	70 · 70 70 · 70 70 · 70 70 · 70 70 · 55 70 · 70 70 · 70	72·05 72·20 72·20 72·30 72·30	72·05 71·85 71·80 71·80 71·80 71·70		69-95 69-95 69-95	71 · 20 71 · 28 71 · 20 71 · 28 71 · 37 71 · 37

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1878-79.

					T.	ABLE No. 462.
2	71 · 28 73 · 70 71 · 20 73 · 87 71 · 28 74 · 03 71 · 28 74 · 12 71 · 28 74 · 12 71 · 37 74 · 12	74·12 72·20 74·12 72·28 74·12 72·28 74·12 72·37 74·12 72·37 74·12 72·28	71·20 70·70 71·12 70·78 71·12 70·70 71·03 70·53 71·03 70·53	71·70 74·53 71·70 74·53 71·62 74·45 71·62 74·28 71·62 74·03	73 · 87	74·45 74·03 74·37 73·95 74·28 74·03 74·12 73·87 74·03 73·78
7	71.37 74.28 71.62 74.37 71.62 74.45 71.62 74.45 71.70 74.53	73·95 72·20 73·78 72·20 73·53 72·12 73·45 72·03 73·37 72·03	71.03 70.45 70.95 70.37 70.95 70.37 71.03 70.28 71.03 70.28	71·70 73·95 71·62 73·87 71·53 73·78 71·62 73·70 71·62 73·70	74·12 74·37 74·28 74·28 74·28 74·20 74·45 74·12 74·95 74·20	74·03 73·70 73·87 73·70 73·87 73·62 73·78 73·53 73·87 73·45
12	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	73·20 71·95 73·12 71·95 73·03 71·87 72·95 71·78 72·87 71·78	$\begin{array}{cccc} 71 \cdot 03 & 70 \cdot 28 \\ 71 \cdot 12 & 70 \cdot 20 \\ 71 \cdot 12 & 70 \cdot 12 \\ 71 \cdot 20 & 70 \cdot 12 \\ 71 \cdot 20 & 70 \cdot 12 \\ 71 \cdot 20 & 70 \cdot 12 \\ \end{array}$	$\begin{array}{cccc} 71 \cdot 53 & 73 \cdot 70 \\ 71 \cdot 53 & 73 \cdot 70 \\ 71 \cdot 53 & 73 \cdot 62 \\ 71 \cdot 53 & 73 \cdot 62 \\ 71 \cdot 73 & 73 \cdot 53 \\ 71 \cdot 70 & 73 \cdot 53 \\ \end{array}$	$\begin{array}{cccc} 75 \cdot 20 & 74 \cdot 03 \\ 74 \cdot 37 & 74 \cdot 12 \\ 74 \cdot 53 & 73 \cdot 95 \\ 75 \cdot 62 & 73 \cdot 87 \\ 75 \cdot 62 & 74 \cdot 12 \end{array}$	73·78 73·37 73·87 73·20 73·95 73·03 74·03 72·87 74·12 72·78
17	73.03 74.53 73.20 74.45 73.28 74.45 73.28 74.37 73.28 74.37	$\begin{array}{cccc} 72 \cdot 70 & 71 \cdot 70 \\ 72 \cdot 70 & 71 \cdot 62 \\ 72 \cdot 70 & 71 \cdot 62 \\ 72 \cdot 53 & 71 \cdot 53 \\ 72 \cdot 37 & 71 \cdot 45 \end{array}$	71·20 70·03 71·12 70·03 71·20 70·03 71·28 70·28 71·20 70·53	$\begin{array}{ccc} 71 \cdot 95 & 73 \cdot 53 \\ 72 \cdot 12 & 73 \cdot 53 \\ 72 \cdot 20 & 73 \cdot 45 \\ 72 \cdot 28 & 73 \cdot 37 \\ 72 \cdot 45 & 73 \cdot 28 \end{array}$	75·62 74·28 75·53 74·53 75·45 74·45 75·45 74·37 75·28 74·45	74·03 72·78 74·12 72·87 74·03 72·95 74·20 72·87 73·78 72·70
22	73 · 28 74 · 28 73 · 20 74 · 28 73 · 28 74 · 12 73 · 28 74 · 12 73 · 28 74 · 03	$\begin{array}{cccc} 72 \cdot 20 & 71 \cdot 37 \\ 72 \cdot 12 & 71 \cdot 28 \\ 72 \cdot 12 & 71 \cdot 28 \\ 72 \cdot 03 & 71 \cdot 20 \\ 72 \cdot 03 & 71 \cdot 20 \end{array}$	71·28 71·03 71·28 71·03 71·20 71·28 71·12 71·53 71·03 71·53	$\begin{array}{cccc} 72 \cdot 70 & 73 \cdot 20 \\ 72 \cdot 87 & 73 \cdot 28 \\ 72 \cdot 95 & 73 \cdot 37 \\ 73 \cdot 03 & 73 \cdot 45 \\ 73 \cdot 12 & 73 \cdot 53 \end{array}$	75·12 74·37 74·95 74·62 75·03 74·70 75·03 74·62 75·12 74·53	74·12 72·62 74·03 72·45 74·03 72·28 74·12 72·03 74·12 71·87
27	73 · 37	72·03 71·28 71·95 71·20 71·95 71·20 71·95 71·20 71·95 71·20 71·95 71·20 71·20	71·03 71·62 70·95 71·62 70·87 71·70 70·87 71·70 70·78 71·78 70·70	73·28 73·62 73·45 73·87 73·62 73·87 74·03 73·95 74·28 73·95 74·53	74 - 62 74 - 53	74·20 71·70 74·12 71·70 74·20 71·62 71·70 71·70 71·78

6 GEORGE V. A. 1916

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1879-80.

TABLE No. 463

					-							
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	71 · 95 72 12 72 · 20 72 · 37 72 · 28	75.95 76.20 76.45 76.87 77.20	77·53 77·28 77·12 76·87 76·70	73·37 73·53 73·03 72·95 72·95	72·70 72·62 72·45 72·37 72·28	70·78 70·87 70·78 70·70 70·70	70·87 70·87 70·78 70·78 70·70	69·78 69·78 69·87 69·87 69·87	70 · 62 70 · 70 70 · 78		72·12 72·12 72·03 72·03 72·12	72·20 72·28 72·45 72·45 72·53
6	72 · 12 72 · 28 72 · 45 72 · 62 72 · 70	77.70 77.95 78.03 78.20 78.20	76.62 76.37 76.12 75.95 75.70	72 · 87 72 · 78 72 · 70 72 · 78 72 · 70 72 · 70	72 · 12 71 · 95 71 · 87 71 · 78 71 · 70	70 · 78 70 · 70 70 · 70 70 · 78 70 · 78	70 · 70 70 · 62 70 · 53 70 · 53 70 · 45	69.87 69.78 69.87 69.87 69.95	71 · 12 71 · 20 71 · 28		72·20 72·28 72·37 72·45 72·45	72 · 62 72 · 62 72 · 62 72 · 70 72 · 70
11	72 · 87 72 · 95 73 · 03 73 · 12 73 · 28	78-37 78-45 78-53 78-62 78-62	75.53 75.37 75.28 75.12 74.95	72 · 62 72 · 70 72 · 70 72 · 70 72 · 78	71.62 71.53 71.37 71.28 71.28	70 · 78 70 · 78 70 · 70 70 · 78 70 · 87	70·37 70·37 70·37 70·37 70·28	69 · 95 70 · 03 70 · 03 69 · 95 70 · 03	71 · 70 71 · 87 71 · 95		72·37 72·28 72·37 72·37 72·28	72·70 72·62 72·53 72·53
16	73·37 73·70 74·12 74·45 74·62	78·70 79·20 79·45 79·95 80·03	74·87 74·78 74·70 74·70 74·53	72 · 78 72 · 78 72 · 78 72 · 78 72 · 78 72 · 70	71·37 71·37 71·28 71·28 71·20	70.87 70.95 70.95 70.95 70.95	$\begin{array}{c} 70 \cdot 28 \\ 70 \cdot 20 \end{array}$	$70 \cdot 12$ $70 \cdot 12$ $70 \cdot 20$ $70 \cdot 20$ $70 \cdot 28$	72 · 12 72 · 12 72 · 20		72 · 20 72 · 03 72 · 03 71 · 95 71 · 95	72·37 72·28 72·20 72·12 72·03
2122232425	74·28 74·20 74·37 74·62 75·03	80 · 12 80 · 12 80 · 03 79 · 78 79 · 53	74·45 74·37 74·28 74·20 74·12	72·70 72·70 72·62 72·70 72·78	71 · 12 71 · 03 71 · 03 70 · 95 71 · 03	71 · 03 71 · 03 71 · 03 70 · 95 70 · 95	70 · 12 70 · 12 70 · 03 70 · 03 70 · 03	70·37 70·37 70·45 72·37 70·45	72 · 20 72 · 12		$72 \cdot 03$ $72 \cdot 03$ $72 \cdot 12$ $72 \cdot 20$ $72 \cdot 28$	72·03 71·95 71.95 71·87 71·87
26	75-28 75-45 75-53 75-62 75-70	79·28 79·03 78·62 78·20 77·95 77·70	74.03 73.95 73.87 73.70 73.53	72 · 70 72 · 70 72 · 78 72 · 70 72 · 70 72 · 70 72 · 70	71.03 71.03 70.95 70.87 70.87 70.87	71.03 70.95 70.95 70.87 70.87	70 · 12 70 · 03 69 · 95 70 · 03 69 · 95 69 · 87	70·37 70·37 70·37 70·37 70·45	72 · 28 72 · 28 72 · 28 72 · 28 72 · 28 72 · 12 72 · 12			71·78 71·70 71·70 71·62 71·45 71·37

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1880-81.

TABLE No. 464 71 · 37 71 · 37 71 · 45 71 · 53 71 · 70 $\begin{array}{c} 72 \cdot 62 \\ 72 \cdot 70 \\ 72 \cdot 70 \\ 72 \cdot 62 \end{array}$ 72 · 87 73 · 03 73 · 12 73 · 03 72 · 87 72 · 87 72 · 95 72 · 87 $71 \cdot 70$ 78-37 74-45 74-37 74-28 70·78 70·78 70·87 $\begin{array}{c} 70 \cdot 20 \\ 70 \cdot 20 \\ 70 \cdot 28 \end{array}$ 72·37 72·45 72·37 72·28 72·03 72·37 72·70 76 · 70 76 · 78 76 · 87 78 · 28 78 · 12 77 · 87 72 · 20 72 · 12 72 · 12 77-62 $\begin{array}{c} 72 \cdot 20 \\ 72 \cdot 12 \\ 71 \cdot 95 \\ 71 \cdot 87 \\ 71 \cdot 78 \end{array}$ $\begin{array}{c} 71 \cdot 87 \\ 71 \cdot 70 \\ 71 \cdot 53 \\ 71 \cdot 70 \\ 72 \cdot 20 \end{array}$ 72 · 45 72 · 45 72 · 28 72 · 37 72 · 53 72 · 62 72 · 53 72 · 45 72 · 45 72 · 45 72 · 70 72 · 62 72 · 53 72 · 45 72 · 45 70.70 70.53 74 · 28 74 · 87 74 · 78 74 · 70 74 · 70 76-95 77-03 77-28 77-62 77-95 77.53 77.45 77.37 77.37 77.20 73 · 87 73 · 70 73 · 62 73 · 53 73 · 45 70·78 70·78 70·78 70·78 70·78 70.70 70.78 70.87 71.03 10..... 77.03 76.95 76.95 76.87 76.87 73 · 28 73 · 12 73 · 03 72 · 95 70 · 78 70 · 87 70 · 95 71 · 03 71 · 03 72 · 62 73 · 03 73 · 37 73 · 70 73 · 87 $\begin{array}{c} 72\cdot 45 \\ 72\cdot 37 \\ 72\cdot 28 \\ 72\cdot 28 \\ 72\cdot 37 \end{array}$ 72·37 72·37 72·28 72·28 72·37 72·28 72·28 72·37 72·37 71·45 71·37 71·28 71·28 71·37 $71 \cdot 70$ $71 \cdot 62$ $71 \cdot 53$ 70·87 70·78 70·87 $74 \cdot 62$ $74 \cdot 53$ $74 \cdot 45$ 72·78 72·62 72·62 72·62 72·62 72·62 $\begin{array}{c} 71 \cdot 03 \\ 71 \cdot 03 \\ 71 \cdot 12 \\ 71 \cdot 12 \\ 71 \cdot 20 \end{array}$ $\begin{array}{c} 72 \cdot 28 \\ 72 \cdot 20 \\ 72 \cdot 20 \\ 72 \cdot 12 \\ 72 \cdot 12 \\ 72 \cdot 12 \end{array}$ $\begin{array}{c} 72\cdot 45 \\ 72\cdot 28 \\ 72\cdot 37 \\ 72\cdot 45 \\ 72\cdot 53 \end{array}$ 72 · 28 72 · 28 72 · 20 72 · 12 72 · 12 74 - 95 76.78 71.37 79·28 79·53 79·45 $76 \cdot 70$ $76 \cdot 53$ $76 \cdot 28$ 70.62 71·28 71·37 71·28 71·03 71·12 72 · 45 72 · 37 72 · 28 72 · 20 $\begin{array}{c} 72\cdot 53 \\ 72\cdot 53 \\ 72\cdot 45 \\ 72\cdot 45 \\ 72\cdot 37 \end{array}$ $\begin{array}{c} 72 \cdot 20 \\ 72 \cdot 20 \\ 72 \cdot 12 \\ 72 \cdot 12 \\ 72 \cdot 12 \\ 72 \cdot 12 \end{array}$ 72·03 72·03 72·12 72·20 72·28 75·87 75·62 $71 \cdot 20 \\ 71 \cdot 20$ $73 \cdot 62$ $73 \cdot 87$ $74 \cdot 12$ $71 \cdot 20$ $71 \cdot 20$ $71 \cdot 12$ $70 \cdot 28$ $70 \cdot 28$ 25..... $72 \cdot 28$ 75·03 74·87 74·78 74·70 74·53 71 · 03 71 · 03 71 · 03 71 · 03 72·03 72·03 72·28 72·62 72·70 72·87 72 · 87 72 · 62 72 · 37 72 · 03 71 · 78 71 · 53 76.03 76.28 76.45 71 · 28 71 · 20 71 · 28 71 · 37 71 · 37 71 · 37 71 · 28 78·78 78·70 78·70 78·70 78·70 78·53 72·37 72·37 72·37 72·37 72·37 72·28 $70 \cdot 20$ $70 \cdot 20$ $70 \cdot 28$ 73 · 20 72 · 95 72 · 78 29..... 76.62 70 - 20

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1881-82.

TABLE

									17	IDLE N	0. 400.	
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Marc h.
1	71·53 71·53 71·45 71·37 71·37	73·78 74·20 74·62 75·03 75·20	75·87 75·70 75·62 75·45 75·28	72·12 72·12 72·03 72·03 71·95	70 · 95 70 · 87 70 · 87 70 · 78 70 · 78 70 · 78	69 · 62 69 · 62 69 · 62 69 · 62 69 · 53		70·03 70·12 69·95 69·95 69·95	70·37 70·37 70·45 70·45 70·53	71·03 71·12 71·12 71·03 71·03	71 · 03 70 · 95 70 · 87 70 · 95 70 · 87	70·78 70·95 71·03 71·37 71·87
6	71 · 37 71 · 37 71 · 28 71 · 28 71 · 20	75 · 20 75 · 37 75 · 37 75 · 53 75 · 62	75·12 74·95 74·78 74·70 74·53	71 · 87 71 · 78 71 · 78 71 · 70 71 · 62	70 · 78 70 · 70 70 · 70 70 · 70 70 · 62	69·53 69·53 69·45 69·45 69·37		$70 \cdot 03$ $70 \cdot 12$ $70 \cdot 12$ $70 \cdot 12$ $70 \cdot 20$	70·53 70·62 70·53 70·45 70·37	70 · 95 70 · 95 70 · 87 70 · 78 70 · 70	70·87 70·78 70·78 70·78 70·70	72 · 20 72 · 45 72 · 12 72 · 03 71 · 78
11	71·20 71·28 71·28 71·28 71·20	75 · 70 75 · 70 75 · 78 75 · 95 76 · 20	74 · 37 74 · 28 74 · 20 73 · 87 73 · 70	71 · 62 71 · 53 71 · 45 71 · 37 71 · 28	70 · 53 70 · 45 70 · 37 70 · 37 70 · 28	69·37 69·37 69·37 69·28 69·28		$70 \cdot 20$ $70 \cdot 28$	70 · 37 70 · 28 70 · 28 70 · 28 70 · 37	70 · 70 70 · 53 70 · 53 70 · 53 70 · 62	70 · 62 70 · 53 70 · 45 70 · 37 70 · 28	71.78 71.70 71.53 71.45 71.37
16	71 · 20 71 · 20 71 · 20 71 · 28 71 · 37	76 · 37 76 · 62 77 · 12 77 · 12 77 · 28	73 · 45 73 · 37 73 · 28 73 · 20 73 · 12	71 · 20 71 · 12 71 · 03 70 · 95 70 · 95	$\begin{array}{c} 70 \cdot 20 \\ 70 \cdot 20 \\ 70 \cdot 12 \\ 70 \cdot 03 \\ 70 \cdot 03 \end{array}$			70-37 70-37 70-37 70-45 70-32	70 · 45 70 · 53 70 · 62 70 · 62 70 · 53	70 · 70 70 · 78 70 · 87 70 · 95 70 · 95	70 · 37 70 · 45 70 · 53 70 · 62 70 · 70	71 · 28 71 · 20 71 · 12 71 · 12 71 · 03
21	71 · 37 71 · 37 71 · 45 71 · 53 71 · 53	77 · 37 77 · 28 77 · 20 77 · 03 76 · 87	73·03 72·87 72·62 72·53 72·28	71 · 03 71 · 03 70 · 95 70 · 87 70 · 87	69 · 95 69 · 95 69 · 87 69 · 87 69 · 78	69 · 03 69 · 03 68 • 95		70 · 70 70 · 53 70 · 53 70 · 53 70 · 53	70 · 53 70 · 53 70 · 45 70 · 45 70 · 53	70 · 87 70 · 78 70 · 70 70 · 78 70 · 70	70 · 70 70 · 78 70 · 87 70 · 95 71 · 03	70.95 70.95 71.03 71.03 71.12
26. 27. 28. 29. 30.	71 · 70 72 · 12 72 · 45 72 · 95 73 · 20	76 · 78 76 · 62 76 · 53 76 · 37 76 · 20 76 · 03	72 · 20 72 · 12 72 · 12 72 · 12 72 · 12 72 · 20	70 · 87 70 · 95 70 · 95 70 · 95 70 · 95 70 · 95	69·78 69·78 69·78 69·70 69·62	68-87 68-95 68-87		70 · 53 70 · 45 70 · 45 70 · 45 70 · 37	70 · 53 70 · 53 70 · 62 70 · 62 70 · 87 70 · 95	70 · 62 70 · 70 70 · 78 70 · 78 70 · 78 70 · 78 70 · 78	70·95 70·78 70·70	71·20 71·20 71·28 71·28 71·37 71·53

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1882-83.

TABLE No. 466.

										TA	BLE NO	. 400-
1	71.62 71.87 71.95 72.12 72.20	74 · 20 74 · 12 74 · 28 74 · 28 74 · 28 74 · 37	77-28 77-53 77-53 77-45 77-45	75·53 75·45 75·28 75·20 75·12	72.95 72.78 72.70 72.62 72.53	72·28 72·28 72·20 72·20 72·03	72·37 72·37 72·28 72·20 72·03	71·12 71·20 71·20 71·20 71·28	71·53 71·45 71·45 71·53 71·53	70·70 70·78 70·95 71·03 71·12	71·20 71·28 71·28 71·37 71·37	71·37 71·28 71·29 71·37 71·45
6 7 8 9	72.37 72.53 72.62 72.78 73.03	74 · 45 74 · 53 74 · 53 74 · 62 74 · 70	77 · 53 77 · 45 77 · 45 77 · 28 77 · 12	75·12 75·03 74·95 74·78 74·70	72·45 72·37 72·28 72·20 72·12	71.95 71.87 71.87 71.87 71.87	71.95 71.87 71.78 71.70 71.53	71·28 71·28 71·20 71·20 71·20 71·20	71·45 71·45 71·37 71·45 71·37	$\begin{array}{c} 71 \cdot 20 \\ 71 \cdot 03 \end{array}$	71 · 45 71 · 37 71 · 28 71 · 37 71 · 45	71·45 71·53 71·53 71·62 71·62
11 12. 13 14 15	73 · 20 73 · 12 72 · 87 72 · 70 72 · 70	75 · 03 75 · 37 75 · 45 75 · 62	77 03 76 · 95 76 · 78 76 · 70 76 · 45	74 · 62 74 · 53 74 · 45 74 · 37 74 · 20	72·12 72·03 72·03 71·95 71·95	71.87 71.78 71.78 71.70 71.70	$\begin{array}{c} 71 \cdot 45 \\ 71 \cdot 37 \\ 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 20 \end{array}$	71 · 20 71 · 20 71 · 28 71 · 45 71 · 53	$\begin{array}{c} 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 37 \\ 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 20 \end{array}$	71.03 71.03 71.12 71.12 71.20	71·45 71·37 71·28 71·37 71·37	71 · 62 71 · 70 71 · 62 71 · 70 71 · 70
16 17 18 19 20.	72-62 72-70 72-78 73-12 73-37	75·87 75·87 75·87 76·03 76·03	$\begin{array}{c} 76 \cdot 28 \\ 76 \cdot 28 \\ 76 \cdot 20 \\ 76 \cdot 12 \\ 76 \cdot 20 \\ \end{array}$	74·03 73·87 73·78 73·70 73·53	72·03 72·20 72·28 72·45 72·53	71.62 71.62 71.70 71.78 71.87	$71 \cdot 20$ $71 \cdot 20$ $71 \cdot 12$ $71 \cdot 20$ $71 \cdot 12$ $71 \cdot 20$ $71 \cdot 12$	71 · 53 71 · 62 71 · 62 71 · 70 71 · 87	71·28 71·37 71·45 71·45 71·37	$\begin{array}{c} 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 20 \\ 71 \cdot 12 \\ 71 \cdot 12 \\ 71 \cdot 12 \end{array}$	$\begin{array}{c} 71 \cdot 37 \\ 71 \cdot 28 \\ 71 \cdot 20 \\ 71 \cdot 12 \\ 71 \cdot 12 \\ \end{array}$	71.62 71.62 71.53 71.33 71.62
21	$\begin{array}{c} 73 \cdot 87 \\ 74 \cdot 03 \\ 74 \cdot 29 \\ 74 \cdot 20 \\ 74 \cdot 20 \end{array}$	76·12 76·12 76·37 76·62 76·62	76·28 76·28 76·20 76·28 76·20	73 · 45 73 · 28 73 · 12 73 · 03 73 · 03	72·62 72·78 72·70 72·70 72·62	71.87 71.78 71.87 72.03 72.03	$71 \cdot 12$	$\begin{array}{c} 72 \cdot 03 \\ 72 \cdot 12 \\ 72 \cdot 12 \\ 72 \cdot 20 \\ 72 \cdot 03 \end{array}$	$71 \cdot 28$ $71 \cdot 20$ $71 \cdot 12$ $71 \cdot 12$ $71 \cdot 12$ $71 \cdot 12$	71·12 71·37 71·62 71·87 71·70	$71 \cdot 20$ $71 \cdot 28$ $71 \cdot 28$ $71 \cdot 37$ $71 \cdot 37$	71.62 71.53 71.45 71.37 71.45
26 27 28 29 30 31		76-70 77-03 77-20 77-45 77-53 77-53	76 · 12 76 · 12 76 · 03 75 · 87 75 · 62	72 · 95 73 · 03 73 · 03 72 · 95 73 · 03 73 · 12	72·53 72·45 72·45 72·45 72·45 72·37 72·28	72 · 12 72 · 12 72 · 28 72 · 28 72 · 37 72 · 45	71·12 71·12 71·03 71·03 71·03 71·03	71-95 71-87 71-78 71-70 71-62	71 · 12 71 · 03 70 · 95 70 · 87 70 · 87 70 · 78	71·62 71·45 71·37 71·37 71·20 71·20		71·45 71·37 71·28 71·20 71·12 71·03

^{*}New Canal.

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1883-84.

TABLE No. 467.

	TIMAL III							10. 1011				
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70-95 70-95 70-87 70-78 70-70	74 · 03 73 · 95 73 · 87 73 · 62 73 · 62	76·37 76·53 76·45 76·37 76·28	75 · 78 75 · 70 76 · 03 76 · 12 76 · 12	73 · 45 73 · 28 73 · 20 73 · 03 72 · 95	71 · 28 71 · 20 71 · 12 71 · 12 71 · 03	70·95 71·03 70·95 70·95 71·03	71·45 71·45 71·37 71·37 71·37	72·95 73·12 73·28 73·45 73·53	73 · 03 73 · 20 73 · 28 73 · 37 73 · 45	73 · 28 73 · 20 73 · 12 73 · 12 73 · 03	73 · 20 73 · 37 73 · 53 73 · 62 73 · 62
6	70·70 70·70 70·70 71·37 71·70	73 · 70 73 · 87 74 · 03 74 · 20 74 · 28	76·28 76·20 76·12 75·95 75·95	76·20 76·12 75·95 75·78 75·70	72.87 72.78 72.78 72.78 72.78 72.78	71.03 70.95 71.03 70.95 70.95	71.03 71.12 70.95 70.95 71.03	71/37 71·45 71·53 71·62 71·87	73·70 73·53 73·45 73·37 73·28	73 · 53 73 · 53 73 · 53 73 · 62 73 · 62	73 · 03 72 · 95 73 · 03 72 · 95 72 · 95	73 · 53 73 · 45 73 · 37 73 · 28 73 · 20
11. 12. 13. 14. 15.	72·45 73·20 74·20 75·12 75·62	74·45 74·70 74·87 75·03 75·20	75.87 75.78 75.78 75.78 75.78	75·45 75·28 75·12 74·95 74·87	72·70 72·62 72·45 72·45 72·28	70.87 70.95 71.03 71.03 71.12	71·12 71·20 71·28 71·28 71·28	72·03 72·20 72·20 72·37 72·45	73 · 20 73 · 12 73 · 03 73 · 03 73 · 03	73 · 53 73 · 45 73 · 45 73 · 53 73 · 53	72·78 72·70 72·70 72·70 72·62	73.03 72.95 72.87 72.87 72.78
16	76·12 75·70 75·37 75·12 74·95	75·37 75·28 75·12 75·12 75·12 75·12	75.78 75.78 75.87 76.03 76.12	74·78 74·70 74·87 74·95 74·95	$72 \cdot 20$ $72 \cdot 20$ $72 \cdot 12$ $72 \cdot 12$ $72 \cdot 12$ $72 \cdot 03$	71·12 71·20 71·12 71·12 71·03	71·37 71·37 71·37 71·45 71·53	72·45 72·53 72·45 72·45 72·45	72.95 72.95 72.87 72.78 72.70	73 · 37 73 · 37 73 · 28 73 · 20 73 · 20	72·53 72·53 72·45 72·37 72·37	72.78 72.70 72.70 72.62 72.53
21	74 · 62 74 · 62 74 · 37 74 · 28 74 · 28	75·20 75·53 75·62 75·70 75·87	76·12 76·03 75·95 75·87 75·87	75·03 74·95 74·78 74·62 74·45	71.95 71.95 71.87 71.78 71.70	71 · 12 71 · 03 71 · 12 71 · 03 70 · 95	71 · 62 71 · 70 71 · 70 71 · 70 71 · 62	72·37 72·45 72·53 72·62 72·62	72 · 95 73 · 12 73 · 20 73 · 20 73 · 12	73 · 28 73 · 20 73 · 20 73 · 12 73 · 12	72·45 72·53 72·53 72·62 72·62	72 · 53 72 · 53 72 · 45 72 · 62 73 · 20
26 27 28 29 30 31	74 · 28 74 · 20 74 · 20 74 · 12 74 · 03	76·03 76·20 76·12 76·12 76·12 76·03	75 · 87 75 · 78 75 · 78 75 · 78 75 · 78 75 · 70	74 · 28 74 · 20 73 · 95 73 · 95 73 · 78 73 · 62	71·70 71·62 71·53 71·53 71·37 71·28	70·95 70·95 70·95 70·95 70·95	71 · 53 71 · 53 71 · 45 71 · 45 71 · 37 71 · 37	72·70 72·78 72·78 72·78 72·70 72·70	72·95 73·03 73·12 73·03 72·95 72·95	73 · 29 73 · 12 73 · 20 73 · 20 73 · 28 73 · 20	72-62 72-87 73-03 73-12	73-37 73-70 74-53 75-53 76-12 76-23

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1884-85.

TABLE No. 468.

										IADLE N	7. 105.
1	76·03 75·87 75·62 75·37 75·20	76·12 76·20 76·28 76·45 76·62	76·37 76·20 76·12 75·87 75·70	72 · 70 72 · 62 72 · 62 72 · 53 72 · 45	71.70 71.87 71.95 72.03 72.03	70·70 70·70 70·62 70·53 70·45	70 · 62 70 · 53 70 · 62 70 · 62 70 · 62	$\begin{array}{c} 72 \cdot 45 \\ 72 \cdot 28 \\ 72 \cdot 20 \\ 72 \cdot 28 \\ 72 \cdot 20 \end{array}$	71.87 71.87 71.78 71.87 71.95	73 · 78 73 · 87 73 · 95 74 · 03 74 · 03	74·37 74·28 74·20 74·12 73·87
6	75 · 12 74 · 87 74 · 70 74 · 45 74 · 70	76-87 77-12 77-28 77-53 77-53	75 · 45 75 · 28 75 · 03 74 · 95 74 · 87	$\begin{array}{c} 72 \cdot 37 \\ 72 \cdot 28 \\ 72 \cdot 20 \\ 72 \cdot 12 \\ 72 \cdot 03 \end{array}$	72·03 71·95 71·95 71·95 71·95	70·53 70·53 70·62 70·53 70·45	70 · 70 70 · 70 70 · 70 70 · 62 70 · 70	$\begin{array}{c} 72 \cdot 20 \\ 72 \cdot 28 \\ 72 \cdot 20 \\ 72 \cdot 20 \\ 72 \cdot 20 \\ 72 \cdot 20 \end{array}$	72·12 72·28 72·37 72·53 72·62	73 · 70 73 · 53 73 · 28 73 · 20 73 · 20	73 · 70 73 · 70 73 · 53 73 · 28 73 · 12
11	74 · 78 74 · 95 75 · 20 75 · 12 74 · 95	77 · 62 77 · 70 77 · 70 77 · 78 77 · 78	74 · 70 74 · 53 74 · 37 74 · 28 74 · 12	72.03 71.95 71.87 71.78 71.78	71.95 71.87 71.87 71.78 71.78	70·45 70·45 70·37 70·37 70·37	70·70 70·70 70·70 70·70 70·70 70·70	72 · 12 72 · 12 72 · 03 72 · 03 71 · 95	72·70 72·87 72·95 73·12 73·37	73 · 28	72.95 72.70 72.70 72.62 72.62
16	74 · 95 75 · 03 75 · 03 75 · 03 75 · 12	77.87 77.91 77.87 77.78 77.70	74 · 12 74 · 12 74 · 03 73 · 95 73 · 87	71·78 71·62 71·62 71·62 71·53	71.70 71.53 71.37 71.28 71.20	70·37 70·37 70·28 70·28 70·28	70·70 70·78 70·78 70·87 70·95	71.95 71.87 71.87 71.87 71.87 71.87	73 · 53 73 · 70 73 · 95 74 · 20 74 · 20	73·37 73·37 73·28 73·20 73·28	72·53 72·53 72·45 72·45 72·37
21. 22. 23. 24. 25.	75 · 20 75 · 28 75 · 45 75 · 53 75 · 62	77-62 77-62 77-53 77-37 77-28	73 · 70 73 · 62 73 · 53 73 · 45 73 · 37	71 · 45 71 · 37 71 · 37 71 · 45 71 · 37	71·12 71·03 70·95 70·95 70·87	$\begin{array}{c} 70 \cdot 20 \\ 70 \cdot 20 \\ 70 \cdot 28 \\ 70 \cdot 20 \\ 70 \cdot 20 \\ \end{array}$	$70 \cdot 95$ $70 \cdot 95$ $71 \cdot 20$ $71 \cdot 37$ $71 \cdot 53$	71.78 71.78 71.70 71.87 71.95	74-37 74-45 74-45 74-45 74-53	73 · 37 73 · 45 73 · 45 73 · 37 73 · 53	72·37 72·37 72·45 72·37 72·28
26	75·70 75·78 75·87 75·87 75·87 75·95	77 · 20 77 · 20 77 · 03 76 · 95 76 · 70 76 · 53	73 · 28 73 · 20 73 · 12 73 · 03 72 · 87	71·37 71·45 71·53 71·53 71·53 71·53	70·87 70·78 70·78 70·78 70·78 70·78 70·78	70·28 70·37 70·37 70·37 70·45	71 · 62 71 · 87 72 · 03 72 · 12 72 · 20 72 · 37	72 · 03 71 · 95 71 · 87 71 · 87 71 · 87	74 · 53 74 · 53 74 · 62 74 · 37 74 · 12 73 · 78	73 - 62 73 - 53 73 - 62 73 - 62 73 - 62 73 - 53	72·20 72·20 72·20 72·20 72·20 72·20

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1885-86.

TABLE No. 469.

	-											
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	72·28 72·28 72·37 72·45 72·45	79·28 78·70 77·95 78·62 77·37	77-45 77-37 77-20 77-12 77-03	74.95 74.95 74.87 74.78 74.70	73·03 72·95 72·87 72·78 72·70	71·28 71·20 71·20 71·12 71·12	70·78 70·78 70·78 70·70 70·70	71·12 71·12 71·20 71·20 71·28	71·70 71·78 71·78 71·87 71·87	71.03 71.03 71.12 71.28 72.03	73·78 73·87 73·87 73·87 73·87	75·03 75·37 75·37 75·62 76·03
6	72·45 72·37 72·28 72·28 72·28 72·28	76.95 77.03 77.03 77.12 77.45	76.95 76.70 76.70 76.53 76.37	74 · 62 74 · 62 74 · 53 74 · 45 74 · 28	72 · 53 72 · 45 72 · 45 72 · 37 72 · 37	71·12 71·03 71·03 70·95 70·95	70·70 70·70 70·62 70·62 70·53	71·28 71·37 71·45 71·53 71·53	71.95 72.03 72.20 72.20 72.12	72·20 72·62 73·12 73·53 73·78	73.95 74.12 74.03 74.03 73.87	76·20 /5·87 75·70 75·70 75·37
11	72·37 72·45 72·53 72·62 72·62	77 · 62 77 · 87 77 · 95 78 · 12 78 · 12	76 · 20 76 · 12 76 · 03 75 · 70 75 · 53	74 · 28 74 · 28 74 · 20 74 · 20 74 · 20	72·45 72·37 72·28 72·20 72·20	70·87 70·87 70·78 70·78 70·87	70·53 70·70 70·70 70·62 70·53	71-62 71-70 71-70 71-87 71-87	72 · 03 · 71 · 95 · 71 · 78 · 71 · 70 · 71 · 62	74 · 28 74 · 20 74 · 28 74 · 28 74 · 28	73 · 87 73 · 78 73 · 70 73 · 70 73 · 62	75.03 74.70 73.70 73.37 73.37
16	73 · 12 73 · 53 74 · 03 74 · 70 75 · 70	78·12 78·12 78·12 78·20 78·20	75·37 75·20 75·12 75·12 75·20	74·12 74·03 74·03 73·95 73·87	72 · 12] 72 · 03 72 · 03 71 · 95 71 · 87	70·87 70·70 70·78 70·87 70·87	70-53 70-62 70-53 70-62 70-62	72-03 72-12 72-12 72-28 72-37	71 · 62 71 · 53 71 · 53 71 · 45 71 · 37	74 · 12 74 · 03 74 · 20 74 · 37 74 · 45	73·53 73·45 73·37 73·37 73·28	73·20 73·12 73·03 72·70 72·62
21	76.70 77.45 78.37 79.03 79.78	78 · 20 78 · 20 78 · 20 78 · 28 78 · 28	75·20 75·03 75·12 75·20 75·12	73 · 87 73 · 78 73 · 70 73 · 53 73 · 45	71.87 71.78 71.70 71.70 71.53	70·87 70·87 70·70 70·70 70·70	70 · 95 71 · 12 71 · 20 71 · 12 71 · 12	72-45 72-45 72-37 72-37 72-28	71-28 71-28 71-28 71-28 71-28	74 · 45 74 · 53 74 · 53 74 · 37 74 · 37	73·45 73·70 73·78 74·03 74·20	72·53 72·53 72·45 72·45 72·45 72·53
26	81·03 80·28 80·03 79·78 79·62	78 · 03 77 · 95 77 · 87 77 · 70 77 · 62 77 · 62	75·12 75·03 75·03 75·03 75·12	73 · 37 73 · 37 73 · 37 73 · 28 73 · 20 73 · 20	71·53 71·45 71·45 71·37 71·28 71·28	70-62 70-78 70-78 70-87 70-87	71·12 71·20 71·12 71·20 71·12 71·12 71·12	72-20 72-03 71-95 71-87 71-70	71 · 20 71 · 20 71 · 12 71 · 12 71 · 12 71 · 12 71 · 12	74 · 03 73 · 87 73 · 87 73 · 87 73 · 78 73 · 78	74 · 20 74 · 62 74 · 87	72·45 72·28 72·28 72·37 72·37 72·37

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1886-87.

TABLE No. 470.

1 2 3 4 5	$\begin{array}{c} 72 \cdot 28 \\ 72 \cdot 12 \\ 72 \cdot 03 \\ 72 \cdot 03 \\ 72 \cdot 20 \end{array}$	79·62 79·45 79·37 79·20 79·03	74 · 87 74 · 70 74 · 62 74 · 53 74 · 37	73 · 45 73 · 45 73 · 37 73 · 37 73 · 28	$\begin{array}{c} 72 \cdot 28 \\ 72 \cdot 20 \\ 72 \cdot 20 \\ 72 \cdot 12 \\ 72 \cdot 12 \end{array}$	70 · 87 70 · 87 70 · 87 70 · 95 71 · 03	70·95 70·95 71·03 71·03 71·12	71 · 62 71 · 53 71 · 53 71 · 45 71 · 37	71·70 71·78 71·87 71·70 71·62	71·37 71·45 71·62 71·70 71·87	73 · 28 73 · 28 73 · 37 73 · 53 73 · 62	74·12 74·03 73·87 73·78 73·70
6	72·37 72·53 72·62 72·70 72·70	78 · 78 · 78 · 62 78 · 45 78 · 37 78 · 20	$\begin{array}{c} 74 \cdot 28 \\ 74 \cdot 20 \\ 74 \cdot 20 \\ 74 \cdot 20 \\ 74 \cdot 12 \end{array}$	73 · 28 73 · 20 73 · 12 73 · 12 73 · 03	72.03 72.03 71.95 71.95 71.87	70.95 71.03 71.03 71.03 71.93 70.95	$\begin{array}{c} 71 \cdot 12 \\ 71 \cdot 12 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 20 \end{array}$	71·37 71·37 71·28 71·20 71·20	71 · 53 71 · 45 71 · 45 71 · 37 71 · 37	$\begin{array}{c} 72\cdot 03 \\ 72\cdot 03 \\ 72\cdot 03 \\ 72\cdot 28 \\ 72\cdot 37 \end{array}$	73·70 74·03 74·03 74·28 74·45	73 · 70 73 · 62 73 · 62 73 · 62 73 · 53
11 12 13 14 15	73·37 73·87 74·87 75·95 76·70	78 · 03 77 · 78 77 · 62 77 · 45 77 · 28	$\begin{array}{c} 74 \cdot 20 \\ 74 \cdot 20 \\ 74 \cdot 20 \\ 74 \cdot 12 \\ 74 \cdot 12 \\ 74 \cdot 12 \end{array}$	72 · 95 72 · 87 72 · 78 72 · 53 72 · 45	71·87 71·78 71·70 71·70 71·62	70·95 70·95 71·03 70·95 70·95	$\begin{array}{c} 71 \cdot 20 \\ 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 20 \end{array}$	$\begin{array}{c} 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 12 \\ 71 \cdot 12 \\ 71 \cdot 12 \end{array}$	$\begin{array}{c} 71 \cdot 37 \\ 71 \cdot 37 \\ 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 20 \end{array}$	$72 \cdot 45$ $72 \cdot 53$ $72 \cdot 53$ $72 \cdot 62$ $72 \cdot 70$	71.45 71.62 74.62 74.62 74.62 74.62	73·53 73·28 73·12 72·95 72·87
16	77-45 78-20 78-78 78-45 78-62	77 · 20 77 · 03 76 · 95 76 · 78 76 · 62	74·03 74·12 74·12 74·03 74·03	72 · 45 72 · 45 72 · 53 72 · 45 72 · 45	71 · 62 71 · 53 71 · 53 71 · 45 71 · 37	70·95 70·87 70·87 70·78 70·78	$\begin{array}{c} 71 \cdot 20 \\ 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 20 \\ 71 \cdot 12 \end{array}$	$\begin{array}{c} 71 \cdot 12 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 28 \end{array}$	$\begin{array}{c} 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 20 \end{array}$	$\begin{array}{c} 72 \cdot 87 \\ 72 \cdot 70 \\ 73 \cdot 03 \\ 73 \cdot 28 \\ 73 \cdot 20 \end{array}$	74 · 45 74 · 28 74 · 12 74 · 12 74 · 12	72·70 72·70 72·70 72·62 72·53
21 22 23 24 25	78-62 79-03 79-37 79-62 79-78	76·37 76·20 76·03 75·95 75·87	73 · 95 73 · 87 73 · 78 73 · 78 73 · 78 73 · 78	72 · 45 72 · 45 72 · 45 72 · 53 72 · 45	$\begin{array}{c} 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 12 \end{array}$	70·87 70·87 70·87 70·87 70·87 70·95	71·12 71·28 71·37 71·37 71·45	71·37 71·45 71·45 71·45 71·37	$\begin{array}{c} 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 12 \\ 71 \cdot 12 \\ 71 \cdot 12 \\ 71 \cdot 12 \end{array}$	$\begin{array}{c} 73 \cdot 12 \\ 73 \cdot 12 \\ 73 \cdot 20 \\ 73 \cdot 28 \\ 73 \cdot 37 \end{array}$	74 · 03 74 · 12 74 · 20 74 · 28 74 · 20	$\begin{array}{c} 72 \cdot 45 \\ 72 \cdot 45 \\ 72 \cdot 37 \\ 72 \cdot 28 \\ 72 \cdot 28 \\ 72 \cdot 28 \end{array}$
26	79·70 79·62 79·62 79·62 79·62	75·70 75·62 75·53 75·37 75·20 75·03	73 · 70 73 · 70 73 · 62 73 · 53 73 · 53	72·45 72·45 72·37 72·37 72·37 72·37 72·37	71·12 71·03 71·03 71·03 71·03 70·95 70·87	70.95 70.95 70.95 70.95 70.95 70.95	71·53 71·62 71·62 71·70 71·70 71·78	71·37 71·37 71·45 71·53 71·53	$\begin{array}{c} 71 \cdot 03 \\ 71 \cdot 12 \\ 71 \cdot 12 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 28 \end{array}$	73·37 73·28 73·28 73·20 73·12 73·12	74·20 74·20 74·28	72 · 28 72 · 37 72 · 28 72 · 28 72 · 37 72 · 37

6 GEORGE V, A. 1916 ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1887-88.

TABLE No. 471.

									ADLE N	0. 471.		
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1		77.95 78.28 78.45 78.62 78.87	76-45 76-28 76-12 76-03 75-87	72 · 62 72 · 53 72 · 45 72 · 37 72 · 28	71-37 71-37 71-45 71-45 71-45	69·95 69·95 69·87 69·78 69·70	69·12 69·12 69·12 69·12 69·12	69·20 69·20 69·20 69·20 69·20	69 · 53 69 · 62 69 · 62 69 · 70 69 · 78	70·62 70·70 70·70 70·70 70·78	72 · 45 72 · 45 72 · 37 72 · 37 72 · 37 12 · 28	71·87 71·87 71·70 71·70 71·62
6		79·20 79·62 79·70 80·03 80·20	75·70 75·62 75·53 75·37 75·20	72·28 72·28 72·20 72·20 72·20	71.58 71.53 71.53 71.53 71.45	69 · 70 69 · 70 69 · 70 69 · 70 69 · 70	$69 \cdot 12$	69·20 69·20 69·20 69·20 69·20	69·87 69·87 69·95 69·95 70·03	70·78 70·78 70·78 70·87 70·95	72 · 28 72 · 20 72 · 28 72 · 37 72 · 62	71.62 71.45 71.45 71.37 71.28
11		80·45 80·45 80·53 80·37 80·28	75·20 75·03 74·87 74·70 74·53	72 · 20 72 · 20 72 · 12 72 · 12 72 · 03	71·45 71·28 71·12 70·95 70·78	69·70 69·62 69·53 69·53 69·53	69·12 69·12 69·12 69·12 69·12	69·20 69·20 69·20 69·20 69·20	$\begin{array}{c} 70 \cdot 12 \\ 70 \cdot 20 \\ 70 \cdot 20 \\ 70 \cdot 20 \\ 70 \cdot 28 \end{array}$	70.95 71.03 71.03 71.28 71.45	72·62 72·62 72·87 73·03 73·20	71·28 71·20 71·20 71·12 71·03
16. 17. 18 19. 20.		80·12 79·95 79·70 79·45 79·20	74·28 74·20 74·03 73·87 73·70	72·03 71·95 71·95 71·87 71·78	70·70 70·62 70·53 70·45 70·37	69·53 69·45 69·45 69·37 69·37	69 · 12 69 · 12 69 · 12 69 · 12 69 · 12	69·12 69·12 69·20 69·28 69·28	70·28 70·37 70·37 70·37 70·37	71.62 71.62 71.78 72.03 72.28	73 · 28 73 · 12 72 · 95 72 · 95 72 · 78	71·12 71·20 71·28 71·28 71·20
21. 22. 23. 24. 25.		78-87 78-53 78-20 77-87 77-62	73 · 70 73 · 70 73 · 53 73 · 37 73 · 28	71 · 78 71 · 70 71 · 70 71 · 62 71 · 62	70·37 70·45 70·37 70·28 70·28	69·37 69·37 69·28 69·28	69 · 12 69 · 12 69 · 03 69 · 03 69 · 03	69·37 69·37 69·45 69·45 69·45	70·45 70·37 70·45 70·45 70·53	72·28 72·20 72·20 72·20 72·12	72-62 72-45 72-53 72-28 72-28	71 · 28 71 · 45 71 · 45 71 · 70 71 · 70
26		77-45 77-20 76-95 76-70 76-70 76-62	73 · 20 73 · 12 73 · 03 72 · 87 72 · 70	71 · 62 71 · 53 71 · 53 71 · 45 71 · 45 71 · 37	70 · 28 70 · 20 70 · 20 70 · 12 70 · 12 70 · 03	69·28 69·28 69·20 69·20 69·12	69·03 69·03 69·12 69·12 69·20 69·28	69 · 45 69 · 45 69 · 45 69 · 53 69 · 53	70·53 70·53 70·45 70·53 70·62 70·62	72·12 72·12 72·20 72·28 72·37 72·45	72·12 72·03 71·95 71·95	71 · 53 71 · 45 71 · 28 71 · 20 71 · 20 71 · 20

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1888-89.

										TA	BLE No	. 472.
1	71·37 71·45 71·53 71·62 71·70	74 · 37 74 · 53 74 · 70	77 · 78 77 · 70 77 · 53	75 · 70 75 · 53 75 · 37 75 · 20 74 · 95	71.87 71.78 71.70 71.62 71.53	70 · 20 70 · 37 70 · 53 70 · 70 70 · 87	70·53 70·53 70·62 70·53 70·53	69 · 70 70 · 03 70 · 29 70 · 45 70 · 62	71 · 70 71 · 53 71 · 37 71 · 12 70 · 87	71 · 87 71 · 78 71 · 53 71 · 28 71 · 12	71 · 53 71 · 62 71 · 70 72 · 03 72 · 20	71 · 12 71 · 03 71 · 03 71 · 03 70 · 95
6	71 · 87 72 · 28 72 · 62 73 · 03 73 · 20	75 · 28 75 · 20 75 · 20	77 · 28 77 · 20 77 · 03	74 · 78 74 · 53 74 · 20 73 · 95 73 · 78	71·45 71·45 71·37 71·37 71·28	70 · 87 70 · 70 70 · 70 70 · 78 70 · 78	70 · 53 70 · 45 70 · 37 70 · 28 70 · 20	70 · 87 71 · 20 71 · 53 71 · 87 72 · 37	70 · 62 70 · 62 70 · 95 71 · 12 71 · 37	$71 \cdot 03$ $71 \cdot 20$ $71 \cdot 45$ $71 \cdot 53$ $71 \cdot 53$	72 · 45 72 · 37 72 · 37 72 · 28 72 · 28 72 · 28	70 · 95 70 · 95 70 · 87 70 · 87 70 · 87 70 · 70
11	$\begin{array}{c} 73 \cdot 28 \\ 73 \cdot 20 \\ 73 \cdot 20 \\ 73 \cdot 12 \\ 73 \cdot 12 \end{array}$	76·37 76·70 77·70	76 · 62 76 · 53 76 · 62	73 · 45 73 · 28 73 · 20 73 · 12 73 · 12	$\begin{array}{c} 71 \cdot 28 \\ 71 \cdot 20 \\ 71 \cdot 12 \\ 71 \cdot 03 \\ 71 \cdot 03 \end{array}$	70·70 70·62 70·62 70·53 70·53	70 · 12 70 · 26 70 · 20 70 · 12 70 · 12	72 · 62 72 · 95 72 · 87 72 · 78 72 · 70	71·45 71·45 71·70 71·87 71·95	71 · 53 71 · 62 71 · 53 71 · 45 71 · 45	72 · 20 72 · 37 72 · 45 72 · 37 72 · 28	70 · 70 70 · 70 70 · 62 70 · 62 70 · 62
16 17 18 19 20.	73 · 03 72 · 87 72 · 70 73 · 12 73 · 37	78 · 53 79 · 03 79 · 53	76-95 76-95 77-03	73 · 03 73 · 03 72 · 87 72 · 70 72 · 62	71.03 71.03 70.95 70.78 70.70	70·62 70·53 70·45 70·45 70·45	70·03 70·03 70·03 70·03 69·95	$\begin{array}{c} 72 \cdot 62 \\ 72 \cdot 53 \\ 72 \cdot 37 \\ 72 \cdot 28 \\ 72 \cdot 20 \end{array}$	72·12 71·87 71·78 71·70 71·62	71·45 71·37 71·45 71·45 71·53	72·37 72·37 72·28 72·20 72·20	70 · 62 70 · 53 70 · 62 70 · 53 70 · 70
21	73 · 53 73 · 12 73 · 03 72 · 87 72 · 70	79-37 79-37 79-28	76 - 78 76 - 70 76 - 45	72 · 53 72 · 45 72 · 37 72 · 28 72 · 20	70 · 62 70 · 53 70 · 45 70 · 37 70 · 28	70·53 70°62 70·70 70·78 70·78	70·03 69·95 69·87 69·78 69·78	$72 \cdot 12$ $72 \cdot 03$ $71 \cdot 95$ $71 \cdot 95$ $71 \cdot 87$	71·53 71·37 71·28 71·53 71·53	$71 \cdot 62$ $71 \cdot 62$ $71 \cdot 62$ $71 \cdot 53$ $71 \cdot 53$	$\begin{array}{c} 72 \cdot 12 \\ 72 \cdot 03 \\ 72 \cdot 03 \\ 72 \cdot 03 \\ 72 \cdot 03 \\ 71 \cdot 95 \end{array}$	70·78 70·87 71·12 71·37 71·70
26	73 - 87	78 · 95 78 · 70 78 · 45	76-20 76-12 75-95 75-78	72 · 20 72 · 12 72 · 12 72 · 12 72 · 03 72 · 03 71 · 95	70 · 20 70 · 03 69 · 95 69 · 78 69 · 70 69 · 70	70·70 70·70 70·62 70·53 70·53	69 · 70 69 · 70 69 · 78 69 · 70 69 · 62 69 · 53	71.87 71.78 71.78 71.78 71.70 71.70	71 · 87 72 · 03 72 · 20 72 · 12 72 · 03	71·53 71·45 71·53 71·45 71·53 71·53		71 · 95 72 · 03 71 · 95 71 · 95 71 · 87 71 · 87

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1889-1890.

TABLE No. 473.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71.62 71.62 71.62 71.62 71.70	76 · 62 76 · 62 76 · 53 76 · 45 76 · 37	74·03 74·37 75·03 75·53 76·03	75-62 75-53 75-37 75-20 75-03	73·03 72·95 72·95 72·87 72·78	71·45 71·37 71·37 71·28 71·28	70 · 12 70 · 20 70 · 20 70 · 12 70 · 12	70 · 28 70 · 20 70 · 20 70 · 12 70 · 03		72·37 72·62 72·78 72·95 73·03	73-45 73-37 73-37 73-37 73-28	73·37 73·28 73·20 73·20 73·12
6 7. 8. 9	71.78 71.95 72.12 72.28 72.53	76·28 76·20 76·12 76·12 76·03	76·37 76·70 77·20 77·37 77·37	74·87 74·87 74·78 74·70 74·62	$\begin{array}{c} 72 \cdot 70 \\ 72 \cdot 62 \\ 72 \cdot 62 \\ 72 \cdot 53 \\ 72 \cdot 53 \end{array}$	$\begin{array}{c} 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 20 \end{array}$	70·03 70·03 70·12 70·20 70·28	69 · 95 69 · 87 69 · 70		72 · 95 73 · 03 73 · 03 73 · 12 73 · 20	73 · 20 73 · 45 73 · 37 73 · 37 73 · 45	73·03 72·87 72·78 72·70 72·70
11 12 13 14 15	72 · 70 72 · 87 72 · 87 72 · 87 72 · 87 72 · 78	76 · 03 75 · 95 75 · 87 75 · 78 75 · 62	77 · 28 77 · 12 76 · 95 76 · 87 76 · 70	74 · 53 74 · 45 74 · 37 74 · 28 74 · 45	$72 \cdot 45$ $72 \cdot 37$ $72 \cdot 28$ $72 \cdot 20$ $72 \cdot 12$	71 · 12 71 · 12 71 · 12 71 · 03 71 · 03	70 · 37 70 · 45 70 · 53 70 · 62 70 · 70	69·45 69·37 69·37		73 · 20 73 · 20 73 · 03 72 · 95 73 · 03	73 · 53 73 · 53 73 · 62 73 · 62 73 · 62	72·70 72·70 72·62 72·53 72·62
16	72·70 72·62 72·70 72·95 73·20	75·45 75·20 75·03 74·95 74·87	76 · 62 76 · 45 76 · 37 76 · 20 76 · 03	74·37 74·28 74·20 74·03 73·95	72·03 72·03 71·95 71·95 71·95	70 · 95 70 · 95 70 · 87 70 · 87 70 · 78	70 · 70 70 · 62 70 · 62 70 · 53 70 · 53	69·45 69·45		73 · 12 73 · 20 73 · 37 73 · 62 73 · 70	73 · 70 73 · 87 73 · 70 73 · 53 73 · 37	72·70 72·78 72·87 72·53 72·53
21 22 23 24 25	73 · 45 73 · 53 73 · 62 73 · 87 74 · 12	74·70 74·62 74·45 74·37 74·28	75-95 75-87 75-78 75-70 75-62	73.78 73.70 73.62 73.53 73.53	71-87 71-87 71-87 71-78 71-78	70 · 70 70 · 62 70 · 62 70 · 53 70 · 53	70·53 70·53 70·62 70·62 70·53	69·70 69·87 70·03		73 · 87 73 · 87 73 · 95 73 · 70 73 · 62	73 · 28 73 · 28 73 · 20 73 · 12 73 · 12	72·37 72·20 72·20 72·28 72·37
26 27 28 29 30 31	74 · 62 74 · 87 75 · 12 75 · 62 76 · 03	74 · 12 74 · 12 73 · 95 73 · 87 73 · 78 73 · 70	75 · 53 75 · 53 75 · 53 75 · 62 75 · 53	73·45 73·37 73·28 73·28 73·20 73·12	71·78 71·70 71·62 71·62 71·53 71·53	70·45 70·45 70·37 70·37 70·37	70 · 53 70 · 53 70 · 53 70 · 62 70 · 53 70 · 45	70.45 70.62 70.78 70.95		72 - 53	73-03 73-03 73-03	72·37 72·37 72·37 72·37 72·37 72·37 72·37

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1890-91.

	TABLE No. 474.									o. 474.	
1	71 · 87 72 · 12 72 · 37 72 · 53 72 · 62	76·37 75 76·53 75 76·62 75	· 53 76·20 · 62 76·11 · 70 75·91 · 70 75·71 · 53 75·70	72·78 72·70 72·62	72·28 72·28 72·28 72·20 72·37	71 · 45 71 · 45 71 · 45 71 · 37 71 · 45	71·20 71·28 71·37 71·28 71·28	70 · 53 70 · 62 70 · 70 70 · 78 70 · 70	71·37 71·37 71·28 71·28 71·45	71 · 95 71 · 78 71 · 70 71 · 62 71 · 62	71 · 53 71 · 53 71 · 62 71 · 62 71 · 70
6	73·28 73·70 74·70 75·20 75·37	77 · 37 7: 77 · 53 7: 77 · 62 7:	· 37	72 · 62 72 · 62 72 · 53	72·53 72·45 72·45 72·53 72·53	71·53 71·53 71·53 71·45 71·37	71·37 71·37 71·37 71·28 71·28	70 · 62 70 · 62 70 · 53 70 · 53 70 · 62	71·37 71·37 71·28 71·20 71·20	71·70 71·78 71·78 71·70 71·70	71·78 71·87 71·95 71·95 71·95
11	75 · 62 75 · 62 75 · 70 75 · 87 76 · 03	77.62 77 77.62 77 77.70 78	· 28 74·44 · 20 74·20 · 20 74·20 · 20 74·11 · 12 74·01	72·37 72·28 72·28	$\begin{array}{c} 72\cdot 53 \\ 72\cdot 45 \\ 72\cdot 45 \\ 72\cdot 53 \\ 72\cdot 45 \end{array}$	71 · 45 71 · 53 71 · 53 71 · 37 71 · 45	$\begin{array}{c} 71 \cdot 20 \\ 71 \cdot 12 \\ 71 \cdot 12 \\ 71 \cdot 12 \\ 71 \cdot 12 \\ 71 \cdot 03 \end{array}$	70·45 70·45 70·53 70·53 70·53	$\begin{array}{c} 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 12 \\ 71 \cdot 03 \\ 71 \cdot 20 \end{array}$	71.87 71.87 71.78 71.78 71.87	72 · 03 72 · 03 72 · 20 72 · 37 72 · 37
16. 17. 18. 19. 20.	76 · 12 76 · 20 76 · 20 76 · 03 76 · 03	77.45 71 77.37 71 77.20 71	· 20 74·00 · 20 73·90 · 20 73·80 · 12 73·70 · 12 73·70	72·20 72·20 72·20	$\begin{array}{c} 72 \cdot 37 \\ 72 \cdot 28 \\ 72 \cdot 12 \\ 72 \cdot 03 \\ 71 \cdot 95 \end{array}$	71 · 53 71 · 45 71 · 37 71 · 45 71 · 37	71.03 71.03 70.95 70.87 70.87	70·53 70·45 70·45 70·53 70·62	71 · 28 71 · 37 71 · 45 71 · 53 71 · 53	71.95 71.87 71.78 71.78 71.78	72·28 72·28 72·20 72·20 72·28
21 22 23 24 25	75.95 75.87 75.70 75.87 75.87	77.53 7 77.62 7 77.70 7	-12 73·70 -87 73·55 -70 73·41 -45 73·3 -20 73·3	72·28 72·28 72·37	71 · 87 71 · 78 71 · 62 71 · 53 71 · 53	71 · 45 71 · 53 71 · 53 71 · 45 71 · 28	70 · 87 70 · 87 70 · 87 70 · 78 70 · 78 70 · 78	70 · 70 70 · 78 70 · 87 70 · 87 70 · 78	71·53 71·62 71·70 71·78 71·87	71·70 71·70 71·62 71·62 71·53	72·20 72·28 72·62 73·28 74·03
26. 27. 28. 29. 30. 31.	75-95 75-95 75-95 76-03 76-12	78·03 70 78·03 70 78·12 70 78·20 70	· 03 73 · 1: · 87 73 · 1: · 70 73 · 0: · 53 73 · 0: · 37 72 · 8: · 72 · 7:	72·28 72·28 72·20 72·20	71·45 71·45 71·45 71·53 71·45	71·28 71·20 71·12 71·03 71·03 70·95	70 · 78 70 · 70 70 · 70 70 · 62 70 · 53	70 · 87 70 · 95 70 · 87 70 · 87 70 · 87 70 · 87 70 · 87	72.03	71·45 71·45 71·45	74 · 70 75 · 37 75 · 28 74 · 87 75 · 03 75 · 20

6 GEORGE V. A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1891-92.

TABLE No. 475

	TABL											
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	75 · 62 75 · 70 75 · 53 75 · 53 75 · 53	78·53 78·53 78·45 78·28 78·37	75·20 74·95 74·87 74·78 74·53	72·20 72·12 72·03 71·95 71·95	72.95 72.95 72.87 72.87 72.87	71 · 87 71 · 87 71 · 78 71 · 70 71 · 70	70·95 70·95 70·87 70·87 70·87	70 · 53 70 · 45 70 · 45 70 · 53 70 · 53	73 · 20 73 · 12 73 · 12 73 · 12 73 · 12 73 · 12	72·78 72·70 72·70 72·87 72·87	72·53 72·53 72·45 72·37 72·37	71·28 71·28 71·37 71·37 71·53
6	75·20 74·95 74·62 74·37 74·28	78·37 78·37 78·28 78·28 78·20	74·37 74·20 73·95 73·70 73·62	71.95 71.87 71.78 71.70 71.70	72·78 72·78 72·70 72·70 72·62	71·70 71·70 71·62 71·62 71·62	70 · 78 70 · 87 70 · 95 71 · 03 71 · 03	70·53 70·45 70·45 70·37 70·28	73·12 73·12 73·03 73·03 73·03	72·78 72·78 72·78 72·78 72·70	72·37 72·37 72·37 72·20 72·20	71.62 71.87 71.87 71.78 71.70
11. 12. 13. 14. 15.	74·20 74·28 74·53 74·87 75·12	78-12 77-87 77-70 77-62 77-53	73·53 73·45 73·37 73·28 73·20	71 · 62 71 · 62 71 · 62 71 · 53 71 · 62	$\begin{array}{c} 72 \cdot 53 \\ 72 \cdot 45 \\ 72 \cdot 37 \\ 72 \cdot 28 \\ 72 \cdot 12 \end{array}$	71 · 62 71 · 62 71 · 70 71 · 62 71 · 53	71 · 12, 71 · 20 71 · 28 71 · 37 71 · 37	70·37 70·45 70·45 70·37 70·37	73·03 73·03 73·03 73·28 73·28	72·70 72·70 72·87 72·87 72·87	.72·12 72·12 72·12 72·12 72·12 72·03	71.70 71.70 71.62 71.53 71.45
16. 17. 18. 19.	75·20 75·28 75·53 75·87 76·28	77 · 45 77 · 28 77 · 12 77 · 03 76 · 95	73·12 73·03 72·95 72·95 72·87	71 · 53 71 · 62 71 · 53 71 · 70 71 · 87	72.03 71.95 71.78 71.70 71.62	71 · 53 71 · 53 71 · 53 71 · 45 71 · 45	71 · 28 71 · 20 71 · 12 71 · 03 70 · 87	70·45 70·45 70·28 70·45 70·62	73·53 73·87 74·28 74·20 .74·03	72.95 72.95 72.87 72.78 72.78	71 · 87 71 · 87 71 · 70 71 · 70 71 · 62	71 · 28 71 · 12 71 · 03 71 · 03 70 · 95
21 22 23 24 25	76·62 76·87 77·20 77·53 77·87	76.87 76.70 76.53 76.28 76.12	72·78 72·70 72·62 72·53 72·45	$\begin{array}{c} 71 \cdot 95 \\ 72 \cdot 03 \\ 72 \cdot 12 \\ 72 \cdot 28 \\ 72 \cdot 45 \end{array}$	71.62 71.70 71.87 71.87 71.95	71 · 45 71 · 45 71 · 37 71 · 37 71 · 28	70 - 78 70 - 78 70 - 70 70 - 62 70 - 62	70.87 71.03 71.37 71.53 71.70	73·70 73·20 73·12 73·03 72·95	72·78 72·78 72·62 72·62 72·62	71·53 71·45 71·37 71·37 71·28	70-87 70-78 70-78 70-70 70-70
26 27 28 29 30 31	78·12 78·37 78·20 78·12 78·12	75.95 75.87 75.78 75.70 75.53 75.45	72·37 72·37 72·28 72·20 72·20	72·53 72·62 72·62 72·78 72·87 72·95	72·03 72·03 71·95 71·95 72·03 71·95	71·28 71·20 71·12 71·12 71·03	70·53. 70·53. 70·53. 70·53. 70·45. 70·45.	72·20 73·28 73·53 73·45 73·28	72.87 72.87 72.87 72.78 72.78 72.78 72.87	$\begin{array}{c} 72 \cdot 53 \\ 72 \cdot 53 \\ 72 \cdot 53 \\ 72 \cdot 62 \\ 72 \cdot 62 \\ 72 \cdot 53 \end{array}$	71·20 71·28 71·28 71·28 71·20	$\begin{array}{c} 70\cdot 62 \\ 70\cdot 62 \\ 70\cdot 53 \\ 70\cdot 45 \\ 70\cdot 45 \\ 70\cdot 45 \end{array}$

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1892-93.

TABLE No. 476 $\begin{array}{c} 72 \cdot 95 \\ 73 \cdot 20 \\ 73 \cdot 45 \\ 73 \cdot 70 \\ 73 \cdot 45 \end{array}$ 74 · 70 74 · 62 74 · 45 74 · 28 71.70 71.62 71.62 71.53 71·45 71·37 71·37 71·37 $\begin{array}{c} 72 \cdot 53 \\ 72 \cdot 37 \\ 72 \cdot 20 \\ 72 \cdot 03 \\ 72 \cdot 03 \\ 72 \cdot 03 \end{array}$ 73 · 53 73 · 62 73 · 62 70.62 70·78 70·87 70·87 70.53 70.53 70.53 $71 \cdot 20$ $71 \cdot 12$ 71.03 72.37 73.20 73 - 62 $71 \cdot 20$ $71 \cdot 20$ 5... $74 \cdot 20$ 73.53 74.03 $71 \cdot 45$ $71 \cdot 28$ 72.63 71.95 71.87 71.78 71.78 75·37 75·70 76·03 70.37 73-62 71.37 70.95 $73 \cdot 37$ $73 \cdot 45$ $73 \cdot 62$ $73 \cdot 70$ $73 \cdot 70$ 73 · 78 73 · 70 73 · 62 $71 \cdot 28$ $71 \cdot 28$ $71 \cdot 28$ 70.95 70.9570·45 70·45 71.45 71.5370·45 70·37 8... 9. 10. 70.87 71.45 75.45 73.45 $71 \cdot 28$ $73 \cdot 28 \\ 73 \cdot 20$ 71 · 20 71 · 28 71 · 37 71 · 37 70.78 70.70 70.70 70.70 $75 \cdot 12$ $73 \cdot 62$ 73.87 70.70 70.78 12. 13. 14. 75 · 37 74 · 20 74 · 03 73 · 70 73 · 70 73 · 70 73 · 78 73 · 70 73 · 62 $70.78 \\ 70.78$ $70 \cdot 95$ 73 · 03 72 · 87 72 · 78 $70 \cdot 95$ 71 · 62 71 · 53 71 · 70 70-45 70-53 70.87 70.87 15.... 71.03 71.45 $\begin{array}{c} 72 \cdot 70 \\ 72 \cdot 70 \\ 72 \cdot 62 \\ 72 \cdot 45 \\ 72 \cdot 28 \end{array}$ 71·03 71·37 71·70 71·87 71 · 70 71 · 87 71 · 95 71 · 95 73.37 73.53 73·37 73·37 73·62 71.53 71.62 71.62 70.70 70.87 70.87 73 · 12 72 · 95 72 · 78 18.... 19..... 20. $74 \cdot 45$ 71.53 70.87 $\begin{array}{c} 72 \cdot 12 \\ 72 \cdot 20 \\ 72 \cdot 28 \\ 72 \cdot 45 \end{array}$ 70 · 62 70 · 62 70 · 70 70 · 70 21 22 23 71 - 6271.62 71.53 71.45 71.62 71.78 73 · 62 73 · 53 73 · 53 74.53 74.53 74.45 70.70 70.78 70.78 70.95 71.03 71.03 24 25. 74.45 71.62 73 · 62 73 · 53 73 · 62 73 · 62 73 · 53 73 · 53 74·53 74·53 74·70 74·78 74·78 71.53 71.62 71.53 71.62 71.70 71.78 71 · 62 71 · 53 71 · 53 71 · 45 71 · 45 71 · 45 72.62 72.62 72.62 72.62 72.62 72.53 72·62 ... 72·28 ... 72·20 ... 72·28 ... 72·28 ... 72·28 ... 70 · 78 70 · 70 70 · 70 70 · 78 70 · 87 72.28 $\begin{array}{c} 70 \cdot 70 \\ 70 \cdot 70 \\ 70 \cdot 78 \end{array}$ 70·70 70·62 $\begin{array}{c} 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 28 \end{array}$ 28 29

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1893-94.

TABLE No. 477.

			-						-			
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	71.03 71.37 71.70 71.70 71.78	74-70 75-03 75-70 76-20 76-45	78-87 78-62 78-53 78-37 78-28	74·70 74·62 74·53 74·28 74·28	72·28 72·20 72·12 72·03 71·95	72·70 72·20 72·03 71·87 71·70	70·03 69·95 69·87 69·87 69·95	71·45 71·28, 71·20 71·28 71·28	71·03 70·95 70·95 71·03 71·12	71·12 71·03 71·03 70·95 71·12	71·53 71·45 71·45 71·37 71·58	71.95 71.95 72.03 72.03 72.12
6	71.87 71.95 72.03 72.45 72.12	76.70 77.37 77.53 77.70 77.70	78·12 78·03 77·95 77·87 77·87	74·12 73·95 73·87 73·70 73·70	$\begin{array}{c} 71 \cdot 87 \\ 71 \cdot 95 \\ 72 \cdot 12 \\ 72 \cdot 03 \\ 71 \cdot 95 \end{array}$	$\begin{array}{c} 71 \cdot 53 \\ 71 \cdot 37 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 12 \end{array}$	69·95 70·63 70·03 70·12 70·12	71·28 71·37 71·37 71·37 71·45	71·12 71·12 71·28 71·28 71·20	71 · 12 71 · 28 71 · 28 71 · 45 71 · 62	71·53 71·53 71·53 71·62 71·62	72·12 72·20 72·37 72·70 72·87
11	73·12 73·37 73·53 73·78 73·95	77.87 77.87 77.95 78.03 78.20	77 - 78 77 - 70 77 - 62 77 - 37 77 - 20	73 · 70 73 · 62 73 · 62 73 · 53 73 · 53	71 · 62 71 · 62 71 · 53 71 · 53 71 · 62	71·12 71·03 71·03 71·03 70·95	69·95 70·03 69·95 69·87 69·87	71·45 71·45 71·28 71·20 71·12	71·20 71·20 71·28 71·28 71·37	71.62 71.70 71.70 71.78 71.78	71.53 71.70 71.76 71.70 71.62	73 · 28 73 · 53 73 · 87 74 · 37 74 · 37
18	73 · 95 74 · 03 74 · 03 74 · 12 74 · 12	78·37 78·62 80·20 80·20 80·20	76.95 76.78 76.53 76.37 76.20	73 · 45 73 · 45 73 · 37 73 · 28 73 · 12	71 · 62 71 · 53 71 · 45 71 · 37 71 · 37	70.95 70.87 70.78 70.70 70.62	69 · 95 70 · 20 70 · 45 70 · 53 70 · 62	71·12 71·03 71·12 71·20 71·12	71.37 71.45 71.45 71.45 71.37	71.78 71.70 71.70 71.53 71.45	71 · 62 71 · 53 71 · 53 71 · 62 71 · 62	$\begin{array}{c} 74 \cdot 28 \\ 74 \cdot 20 \\ 74 \cdot 12 \\ 74 \cdot 53 \\ 74 \cdot 70 \end{array}$
21 22 23 24 25	74·37 74·53 74·62 74·53 74·45	80 · 45 80 · 45 80 · 45 80 · 37 80 · 20	76 · 03 75 · 87 75 · 70 75 · 62 75 · 45	73 · 03 72 · 95 72 · 87 72 · 78 72 · 70	$71 \cdot 28$ $71 \cdot 28$ $71 \cdot 20$ $71 \cdot 20$ $71 \cdot 12$	70 · 28 70 · 28 70 · 28 70 · 20 70 · 28	70·70 70·78 70·87 71·03 71·12	71·12 71·03 71·03 71·03 71·12	71·37 71·37 71·20 71·12 71·12	71·45 71·28 71·12 71·12 71·28	71 · 70 71 · 78 71 · 78 71 · 87 71 · 95	75·12 75·20 75·37 75·12 74·70
26. 27. 28. 29. 30. 31.	74·37 74·37 74·28 74·20 74·63	80.03 79.70 79.37 79.03 78.78 78.62	75 · 20 75 · 20 75 · 12 74 · 95 74 · 87	72·70 72·62 72·62 72·53 72·45 72·28	71 · 12 71 · 03 71 · 03 71 · 37 72 · 37 72 · 78	70·37 70·28 70·20 70·12 70·12	71 · 12 71 · 28 71 · 37 71 · 37 71 · 28 71 · 28	71·12 71·12 71·12 71·12 71·20 71·28	71·12 71·03 71·03 71·12 71·20 71·12	71 · 45 71 · 37 71 · 37 71 · 53 71 · 53 71 · 62	71-95 72-63 72-03	74·53 74·37 74·12 73·95 73·70 73·62

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1894-95.

TABLE No. 478 73 · 62 73 · 70 73 · 53 73 · 53 78 · 28 78 · 37 78 · 45 78 · 37 78 · 37 75 · 70 75 · 78 75 · 87 75 · 95 74 · 28 74 · 20 73 · 95 73 · 70 73 · 70 71.78 71.78 71.70 71.53 71.45 70·37 70·45 70·45 70·53 70·45 71 · 78 71 · 78 71 · 62 72 · 03 72 · 28 71·78 71·87 71·87 71·95 71·95 71.87 71.87 71.78 71.70 71.62 $70 \cdot 12$ $\substack{72 \cdot 03 \\ 71 \cdot 95 \\ 71 \cdot 87}$ 70·20 70·20 70.28 71.95 71.87 71.87 71.95 71.95 73 · 70 73 · 70 73 · 78 $\begin{array}{c} 71 \cdot 70 \\ 71 \cdot 78 \\ 71 \cdot 70 \\ 71 \cdot 70 \\ 71 \cdot 53 \end{array}$ 78 · 45 78 · 37 78 · 37 76-03 $71 \cdot 37$ $70 \cdot 12$ 70.45 72-12 $71 \cdot 28 \\ 71 \cdot 20$ $70 \cdot 20$ $70 \cdot 12$ 70 · 45 70 · 53 72.03 72.0371.95 70 · 78 70 · 78 70 · 70 71.78 71.70 $73 \cdot 28$ 75-45 69.95 70.45 73 · 95 73 · 87 $72 \cdot 12$ $72 \cdot 37$ $72 \cdot 28$ $72 \cdot 37$ $72 \cdot 37$ $\begin{array}{c} 71 \cdot 45 \\ 71 \cdot 53 \\ 71 \cdot 62 \\ 71 \cdot 62 \\ 71 \cdot 62 \\ 71 \cdot 62 \end{array}$ 71.62 71.53 71.4573.28 $75 \cdot 28$ 69.95 70.53 71.95 70.69 72.03 71.78 71.70 71.70 70 · 62 70 · 70 70 · 78 12... 73 · 95 73 · 78 71.03 70.95 69 - 95 70 · 45 70 · 45 70.03 73 - 45 74·70 74·37 74·28 74·20 74·03 $\begin{array}{c} 72 \cdot 37 \\ 72 \cdot 12 \\ 72 \cdot 12 \\ 72 \cdot 03 \\ 72 \cdot 03 \end{array}$ 71 · 62 71 · 62 71 · 62 71 · 62 71 · 62 $\begin{array}{c} 71 \cdot 62 \\ 71 \cdot 70 \end{array}$ $\begin{array}{c} 71 \cdot 37 \\ 71 \cdot 37 \\ 71 \cdot 28 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 20 \end{array}$ 73 · 62 73 · 62 77 · 37 77 · 20 77 · 03 70.87 70·03 70·12 70·45 70·37 71·45 71·62 $73 \cdot 95 \\ 74 \cdot 20$ 76.87 20 76.62 $\begin{array}{c} 71 \cdot 78 \\ 71 \cdot 70 \\ 71 \cdot 70 \\ 71 \cdot 78 \\ 71 \cdot 78 \\ 71 \cdot 78 \end{array}$ 72.03 71.95 71.95 71.87 71 · 70 71 · 70 71 · 70 71 · 70 71 · 70 71 · 78 71 · 53 71 · 53 71 · 62 71 · 62 $74 \cdot 62$ 74 · 70 74 · 78 74 · 87 $73 \cdot 20$ $73 \cdot 12$ $73 \cdot 03$ $70 \cdot 28$ 76·37 76·20 71 · 12 71 · 12 71 · 03 71 · 03 $76 \cdot 95$ $76 \cdot 03$ $74 \cdot 70$ 70.45 $70 \cdot 20$ 74 · 62 74 · 62 74 · 53 74 · 45 72 · 62 72 · 45 72 · 28 72 · 12 71 · 95 71 · 78 $\begin{array}{c} 71 \cdot 87 \\ 71 \cdot 78 \\ 71 \cdot 70 \\ 72 \cdot 03 \\ 72 \cdot 20 \end{array}$ $\substack{77\cdot28\\77\cdot53}$ $71 \cdot 03$ $71 \cdot 12$ $71 \cdot 12$ 75.87 75.78 75.70 75.70 71.87 71.78 71.78 71.78 71.78 71.78 71.87 71.95 71.87 71.87 71.87 $70 \cdot 28$ 77 · 70 78 · 12 70.20 74-45 75.70

6 GEORGE V. A. 1916

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1895-96.

TABLE No. 479.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	70·53 70·53 70·70 70·87 70·95	76·45 76·37 76·28 76·28 76·20	74·95 74·95 75·03 75·12 75·20	73·37 73·37 73·12 72·87 72·70	70·87 70·78 70·87 70·95 70·95	71·12 71·03 71·03 71·03 70·95	70·28 70·20 70·20 70·12 70·12	70·12 70·03 70·03 70·12 70·12	71 · 03 71 · 03 71 · 03 70 · 95 70 · 95	74·37 75·20 75·53 75·62 75·70	72 · 62 72 · 62 72 · 53 72 · 53 72 · 45	72·37 72·45 72·28 72·28 72·20
6	71 · 03 71 · 20 71 · 70 72 · 12 73 · 70	76·37 76·62 76·70 76·95 77·20	75·20 75·28 75·28 75·28 75·20	72 · 62 72 · 53 72 · 45 72 · 45 72 · 28	71 · 03 71 · 03 70 · 95 70 · 95 71 · 03	70.95 70.95 70.95 70.87 70.87	70·20 70·20 70·37 70·28 70·28	$70 \cdot 12$ $70 \cdot 20$ $70 \cdot 20$ $70 \cdot 20$ $70 \cdot 12$	$70 \cdot 95$ $71 \cdot 03$ $71 \cdot 03$ $71 \cdot 12$ $71 \cdot 12$	75·78 75·12 75·12 74·53 74·37	$72 \cdot 53$ $72 \cdot 53$ $72 \cdot 53$ $72 \cdot 62$ $72 \cdot 62$	$\begin{array}{c} 72 \cdot 03 \\ 72 \cdot 03 \\ 72 \cdot 12 \\ 72 \cdot 03 \\ 71 \cdot 95 \end{array}$
11	74·20 74·53 74·62 75·12 75·37	77.28 77.37 77.37 77.28 77.20	75·12 75·12 75·03 75·03 74·95	$72 \cdot 20$ $72 \cdot 20$ $72 \cdot 12$ $72 \cdot 03$ $71 \cdot 87$	$71 \cdot 12$ $71 \cdot 12$ $71 \cdot 12$ $71 \cdot 12$ $71 \cdot 03$ $71 \cdot 03$	70·87 70·78 70·70 70·70 70·70	$70 \cdot 37$ $70 \cdot 37$ $70 \cdot 28$ $70 \cdot 28$ $70 \cdot 28$	70·20 70·28 70·28 70·37 70·45	$\begin{array}{c} 71 \cdot 12 \\ 71 \cdot 03 \\ 71 \cdot 03 \\ 70 \cdot 95 \\ 70 \cdot 95 \end{array}$	74 · 12 73 · 87 73 · 95 73 · 70 73 · 62	$\begin{array}{c} 72 \cdot 53 \\ 72 \cdot 53 \\ 72 \cdot 53 \\ 72 \cdot 62 \\ 72 \cdot 62 \\ 72 \cdot 62 \end{array}$	$71 \cdot 95$ $72 \cdot 12$ $72 \cdot 28$ $72 \cdot 37$ $72 \cdot 20$
16	75-70 75-62 75-53 75-53 75-45	76 · 87 76 · 62 76 · 37 76 · 20 76 · 12	74 · 95 74 · 87 74 · 78 74 · 62 74 · 62	71·70 71·70 71·70 71·70 71·62	71.03 71.03 71.03 71.03 71.03	70·70 70·70 70·62 70·62 70·62	70 · 20 70 · 12 70 · 03 69 · 95 69 · 95	70·45 70·53 70·62 70·62 70·53	70.87 70.87 70.78 70.95 71.03	$73 \cdot 45$ $73 \cdot 37$ $73 \cdot 28$ $73 \cdot 28$ $73 \cdot 20$	72·53 72·70 72·95 72·87 72·87	$72 \cdot 12$ $72 \cdot 12$ $72 \cdot 03$ $72 \cdot 03$ $71 \cdot 87$
21	75·28 75·53 75·62 75·87 76·03	76.03 75.87 75.70 75.62 75.37	74·53 74·45 74·28 74·12 73·87	71 · 62 71 · 53 71 · 53 71 · 45 71 · 37	$71 \cdot 03$ $71 \cdot 12$ $71 \cdot 12$ $71 \cdot 12$ $71 \cdot 20$	70·53 70·53 70·45 70·45 70·45	70 · 03 69 · 95 69 · 95 69 · 95 69 · 95	70·37 70·53 70·53 70·53 70·62	71 · 12 71 · 37 71 · 53 71 · 62 71 · 62	73 · 12 73 · 03 73 · 03 72 · 95 72 · 95	73 · 12 73 · 12 73 · 20 72 · 95 72 · 78	71.87 71.87 71.78 71.78 71.78 71.70
26	76·28 76·37 76·45 76·53 76·53	75 · 28 75 · 12 75 · 03 75 · 03 74 · 95 74 · 95	73 · 70 73 · 70 73 · 62 73 · 53 73 · 53	71 · 28 71 · 12 71 · 03 70 · 95 70 · 87 70 · 87	71·20 71·20 71·20 71·20 71·20 71·20 71·12	70·37 70·37 70·37 70·37 70·28	69·87 69·87 69·87 69·95 70·03 70·12	70 · 62 70 · 78 70 · 87 70 · 95 71 · 03	71 · 70 71 · 70 72 · 37 73 · 12 73 · 78 74 · 12	72·78 72·70 72·70 72·78 72·87 72·78	72-62 72-53 72-53 72-28	71.62 71.62 71.62 71.53 71.53 71.53

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1896-97.

TABLE No. 480. 72 · 53 72 · 45 72 · 37 72 · 45 72 · 37 71.62 71.62 71.53 71.4578 · 03 77 · 95 77 · 78 77 · 70 $71 \cdot 03$ $71 \cdot 12$ $71 \cdot 28$ $71 \cdot 53$ $71 \cdot 53$ $74.53 \\ 74.28 \\ 74.20$ 70·78 70·70 70·70 70·70 70·87 71 · 03 71 · 03 71 · 12 $73 \cdot 70$ $74 \cdot 12$ $72 \cdot 28$ $72 \cdot 37$ 73·03 73·03 2..... 3.... 71.62 71.70 71.7870.95 $74 \cdot 12 \\ 74 \cdot 20$ $70 \cdot 70$ 74.03 71.45 $70 \cdot 95$ $72 \cdot 28$ $71 \cdot 70$ $\begin{array}{c} 77 \cdot 62 \\ 77 \cdot 62 \\ 77 \cdot 53 \\ 77 \cdot 45 \\ 77 \cdot 37 \end{array}$ 72·37 72·45 72·37 72·28 71.03 71.95 74.37 73.37 71.95 71.95 72.03 72.28 72.62 74 · 45 74 · 53 74 · 62 71 · 53 71 · 45 71 · 28 73 · 28 73 · 20 73 · 20 7..... 70.95 70.95 74.62 10..... 71.95 71.78 71.70 71.53 71.37 $\begin{array}{c} 74 \cdot 70 \\ 74 \cdot 78 \\ 74 \cdot 70 \\ 74 \cdot 70 \end{array}$ 72·37 72·37 72·28 72·28 $\begin{array}{c} 72 \cdot 70 \\ 72 \cdot 70 \\ 72 \cdot 95 \end{array}$ $73 \cdot 12$ $73 \cdot 12$ $73 \cdot 03$ 77-28 70.62 70.95 $72 \cdot 20 \\ 71 \cdot 95 \\ 71 \cdot 95$ 74 · 12 74 · 87 75 · 87 77 · 12 76 · 95 $70 \cdot 95$ 12..... 13..... 70.62 72 · 95 72 · 87 70.62 15..... 76-95 $76 \cdot 62$ 74 - 62 $71 \cdot 20$ $\begin{array}{c} 72\cdot 62 \\ 72\cdot 53 \\ 72\cdot 70 \\ 72\cdot 95 \\ 73\cdot 20 \end{array}$ 71·20 71·03 70·87 $74 \cdot 53$ $72 \cdot 28$ 72-95 $72 \cdot 20$ $72 \cdot 12$ $72 \cdot 20$ $72 \cdot 20$ $72 \cdot 20$ 76 · 37 76 · 20 76 · 03 71 · 12 71 · 03 70 · 95 17..... 18.... $74 \cdot 45$ $74 \cdot 20$ $70 \cdot 53$ $70 \cdot 45$ 19..... 74.03 72.87 72.87 72.78 72.62 72.53 $\begin{array}{c} 72 \cdot 20 \\ 72 \cdot 20 \\ 72 \cdot 28 \\ 72 \cdot 37 \end{array}$ 78 · 95 79 · 03 79 · 03 79 · 12 79 · 03 $\begin{array}{c} 72 \cdot 28 \\ 72 \cdot 20 \\ 72 \cdot 12 \\ 72 \cdot 03 \\ 71 \cdot 95 \end{array}$ $73 \cdot 87$ $73 \cdot 70$ $73 \cdot 62$ 70.87 70.5370.53 $71 \cdot 12$ $71 \cdot 03$ $73 \cdot 20$ 70·87 70·87 23..... 24..... 25.... 70.95 70.87 $70 \cdot 37$ $\begin{array}{c} 73 \cdot 20 \\ 73 \cdot 20 \\ 73 \cdot 20 \\ 73 \cdot 20 \\ 73 \cdot 20 \end{array}$ 71.87 71.78 71.78 71.70 71.70 71.70 $70 \cdot 62$ $70 \cdot 62$ 73 · 20 73 · 03 72 · 87 $70 \cdot 95$ $70 \cdot 95$ 70.95 73 · 28 73 · 37 72 · 45 72 · 53 72 · 62 27..... 73 · 28 73 · 20 73 · 45 28..... 29..... 73·12 . 73·03 . 21.....

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1897-98.

TABLE No. 481.

										12	ARLE D	0. 481.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	73·03 73·37 73·87 73·95 73·95	78·70 78·87 78·95 79·12 79·03	77-28 77-12 76-87 76-62 76-37	73 · 78 73 · 70 73 · 62 73 · 45 73 · 45	71 · 87 71 · 87 71 · 95 71 · 95 71 · 78	71·70 71·70 71·62 71·53 71·53	70 · 12 70 · 20 70 · 12 70 · 03 69 · 95	70·87 70·95 70·87 70·87 70·87	71.03 70.95 70.87 70.95 70.95	71.87 71.95 71.87 71.87 71.78	72·03 72·03 71·95 71·87 71·70	71·45 71·53 71·45 71·37 71·28
6 7	$74 \cdot 03$ $74 \cdot 20$ $74 \cdot 20$ $74 \cdot 12$ $73 \cdot 95$	78 · 95 78 · 95 78 · 95 78 · 87 78 · 78	76-20 76-03 75-87 75-78 75-87	73 · 28 73 · 12 73 · 03 72 · 95 72 · 87	71·70 71·62 71·53 71·62 71·62	71·45 71·45 71·37 71·20 71·12	$69 \cdot 95$ $70 \cdot 03$ $70 \cdot 03$ $70 \cdot 12$ $70 \cdot 12$	70.95 70.95 70.95 70.95 70.95	70 · 95 71 · 03 71 · 03 71 · 12 71 · 12	71.78 71.70 71.70 71.62 71.62	71 · 62 71 · 53 71 · 45 71 · 37 71 · 28	71·20 71·12 70·95 70·95 70·87
11	73 · 87 73 · 70 73 · 70 73 · 62 73 · 45	78 · 70 78 · 53 78 · 45 78 · 37 78 · 20	75.87 75.95 75.95 75.95 75.87	72·78 72·70 72·70 72·62 72·53	71·70 71·70 71·62 71·53 71·53	71.03 71.03 70.95 70.95 70.87	$\begin{array}{c} 70 \cdot 12 \\ 70 \cdot 20 \\ 70 \cdot 12 \\ 70 \cdot 20 \\ 70 \cdot 20 \\ 70 \cdot 20 \end{array}$	70 · 87 70 · 87 70 · 87 70 · 95 70 · 87	$\begin{array}{c} 71 \cdot 20 \\ 71 \cdot 28 \\ 71 \cdot 45 \\ 71 \cdot 62 \\ 72 \cdot 12 \end{array}$	71·53 71·53 71·45 71·45 71·37	71·20 71·12 71·12 71·03 70·95	71.03 71.20 72.03 73.87 75.70
16	73 · 45 73 · 53 73 · 78 73 · 95 74 · 12	77 · 87 77 · 70 77 · 53 77 · 45 77 · 37	75·78 75·70 75·62 75·37 75·12	$\begin{array}{c} 72 \cdot 45 \\ 72 \cdot 45 \\ 72 \cdot 37 \\ 72 \cdot 28 \\ 72 \cdot 20 \end{array}$	71 · 45 71 · 53 71 · 53 71 · 62 71 · 53	70 · 87 70 · 78 70 · 70 70 · 62 70 · 53	70·20 70·28 70·28 70·37 70·45	70 · 87 70 · 78 70 · 78 70 · 78 70 · 70	72·37 72·45 72·37 72·28 72·28	71·45 71·37 71·28 71·28 71·37	70 · 95 71 · 03 71 · 03 71 · 03 71 · 12	76.53 76.70 77.12 77.20 77.20
21	$\begin{array}{c} 74 \cdot 20 \\ 74 \cdot 20 \\ 74 \cdot 12 \\ 74 \cdot 20 \\ 74 \cdot 28 \end{array}$	77 · 37 77 · 45 77 · 62 77 · 87 78 · 12	74 · 78 74 · 62 74 · 53 74 · 45 74 · 28	72·12 72·12 72·03 71·95 71·87	71 · 62 71 · 62 71 · 62 71 · 62 71 · 70	70·45 70·45 70·37 70·37 70·28	70 · 45 70 · 37 70 · 45 70 · 53 70 · 53	70 · 70 70 · 70 70 · 87 70 · 95 70 · 95	$\begin{array}{c} 72 \cdot 20 \\ 72 \cdot 12 \\ 72 \cdot 12 \\ 72 \cdot 20 \\ 72 \cdot 20 \\ 72 \cdot 20 \end{array}$	71·37 71·28 71·28 71·20 71·28	71·20 71·20 71·28 71·28 71·37	77·12 76·78 76·53 76·28 75·95
26	75·03 75·95 76·70 77·53 78·12	78 · 28 78 · 20 77 · 95 77 · 78 77 · 62 77 · 53	74·12 74·03 73·95 73·87 73·87	71·78 71·70 71·78 71·87 71·78 71·87	71.78 71.87 71.78 71.70 71.70 71.70	70 · 20 70 · 28 70 · 20 70 · 12 70 · 03	70 · 62 70 · 62 70 · 70 70 · 78 70 · 78 70 · 87	70.95 71.03 71.03 71.03 71.03	72.03 71.95 71.95 71.87 71.87 71.87	71·37 71·45 71·53 71·62 71·53 71·78	71·37 71·45 71·45	75·70 75·45 75·45 75·95 75·95 75·78

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1898-99.

1322 11111	02110 4410			0 000 11 00	201101	220			-,	1000	00.
									TAB	LE No.	482.
1	74.95 75.28 74.95 74.95 74.87	74·87 7 74·87 7 74·78 7	4·70 74·03 4·70 74·20 4·62 74·20 4·53 74·03 4·45 73·95	71·70 71·70 71·70	70 · 87 70 · 87 70 · 95 70 · 95 71 · 03	71-12 71-12 71-03 71-03 70-95	73·03 73·03 72·95 72·95 72·87	71 · 95 71 · 95 72 • 03 72 · 12 72 · 12	71 · 62 71 · 62 71 · 53 71 · 53 71 · 53	71·53 71·62 71·62 71·87 71·95	71·45 71·20 71·12 70·95 70·78
6	74·78 74·62 74·37 74·12 73·95	74·62 7 74·62 7 74·53 7	4·45 73·87 4·45 73·87 4·37 73·78 4·20 73·70 4·12 73·53	71·45 71·37 71·28	71.03 70.95 70.95 70.87 70.87	70 · 95 70 · 87 70 · 87 70 · 87 70 · 95	$\begin{array}{c} 72 \cdot 78 \\ 72 \cdot 70 \\ 72 \cdot 62 \\ 72 \cdot 62 \\ 72 \cdot 53 \end{array}$	$\begin{array}{c} 72 \cdot 12 \\ 72 \cdot 20 \\ 72 \cdot 28 \\ 72 \cdot 37 \\ 72 \cdot 45 \end{array}$	71.62 71.62 71.70 71.70 71.95	71.95 72.03 72.03 72.12 72.12	70 · 78 70 · 70 70 · 70 70 · 70 70 · 62
11	73 · 78 73 · 70 73 · 70 73 · 62 73 · 62	74·28 7 74·20 7 74·12 7	4·03 73·37 3·87 73·20 3·78 73·03 3·70 72·87 3·70 72·78	71·20 71·20 71·20	70·87 70·95 70·95 71·03 71·03	71·03 71·03 71·12 71·12 71·12	72·53 72·45 72·45 72·45 72·45 72·37	72·53 72·53 72·53 72·45 72·37	$\begin{array}{c} 72 \cdot 20 \\ 72 \cdot 37 \\ 72 \cdot 45 \\ 72 \cdot 45 \\ 72 \cdot 45 \end{array}$	72·20 72·20 72·28 72·28 72·37	70·70 70·78 70·87 70·95 70·95
16	73 · 62 73 · 70 73 · 78 73 · 87 74 · 03	73·95 7 73·87 7 73·78 7	3·78 72·70 3·78 72·62 3·70 72·62 3·70 72·62 3·62 72·53	71.28 71.37 71.45	70·95 70·95 70·95 70·95 70·87	71·12 71·20 71·20 71·20 71·37	72·37 72·45 72·53 72·53 72·62	72·28 72·12 71·87 71·78 71·87	$\begin{array}{c} 72\cdot 53 \\ 72\cdot 53 \\ 72\cdot 45 \\ 72\cdot 45 \\ 72\cdot 28 \end{array}$	$\begin{array}{c} 72 \cdot 20 \\ 72 \cdot 12 \\ 72 \cdot 03 \\ 71 \cdot 70 \\ 71 \cdot 53 \end{array}$	70·87 70·87 70·95 70·95 70·78
21	74·12 74·28 74·53 74·70 74·87	73·70 7 73·78 7 73·87 7	3·53 72·53 3·45 72·37 3·37 72·28 3·28 72·28 3·12 72·20	71·53 71·53 71·45	70·87 70·87 70·95 70·87 70·95	$\begin{array}{c} 71 \cdot 53 \\ 71 \cdot 87 \\ 72 \cdot 12 \\ 72 \cdot 28 \\ 72 \cdot 53 \end{array}$	72·62 72·53 72·53 72·45 72·37	71.87 71.78 71.70 71.62 71.53	$\begin{array}{c} 72 \cdot 20 \\ 72 \cdot 12 \\ 72 \cdot 03 \\ 71 \cdot 95 \\ 71 \cdot 70 \end{array}$	$71 \cdot 37$ $71 \cdot 20$ $71 \cdot 20$ $71 \cdot 28$ $71 \cdot 53$	70·78 70·87 70·87 70·87 70·78
26	74·95 74·87 74·87 74·87 74·78	74 · 20 7 74 · 53 7 74 · 78 7	3·20 72·12 3·37 72·12 3·62 72·03 3·87 71·95 4·03 71·87 71·78	71·28 71·20 71·12 71·03	70 · 95 71 · 03 71 · 03 71 · 12 71 · 12	72·62 72·62 72·70 72·87 73·03 73·03	72·37 72·28 72·20 72·12 72·03	71·53 71·62 71·53 71·53 71·62 71·62	71·62 71·70 71·78 71·87 72·03 72·12	71·62 71·62 71·62	70·62 70·53 70·53 70·53 70·45 70·45

 $\,$ 6 GEORGE V, A. 1916 ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1899-1900.

							TABL	E No. 4	183.			
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70·78 70·70 70·70 70·78 70·78	79·03 79·37 79·53 79·53 79·12	76 · 62 76 · 70 76 · 87 76 · 87 76 · 70	73 · 37 73 · 37 73 · 28 73 · 20 73 · 12	72·45 72·37 72·28 72·20 72·12	70·62 70·53 70·45 70·45 70·45	71-62 71-87 72-20 72-28 72-28	71·20 71·28 71·28 71·28 71·37	70·70 70·78 70·78 70·78 70·78 70·87	72·12 72·20 72·28 72·45 72·45	72 · 20 72 · 12 72 · 03 71 · 95 71 · 87	72·53 72·70 72·87 73·03 73·20
6	70·70 70·78 70·87 71·70 72·37	79·37 79·45 79·37 79·28 79·12	76.62 76.53 76.53 76.45 76.37	73 · 12 73 · 20 73 · 20 73 · 28 73 · 45	72 · 20 72 · 03 71 · 95 71 · 95	70·45 70·37 70·37 70·37 70·28	$72 \cdot 20$ $72 \cdot 12$ $72 \cdot 03$ $72 \cdot 03$ $71 \cdot 95$	71·53 71·37 71·37 71·28 71·28	70 · 87 70 · 87 70 · 78 70 · 78 70 · 87	$\begin{array}{c} 72 \cdot 37 \\ 72 \cdot 12 \\ 72 \cdot 03 \\ 71 \cdot 87 \\ 71 \cdot 70 \end{array}$	71.87 71.87 71.87 71.87 71.95	72·95 72·95 72·87 72·70 72·53
11 ⁶⁶	72·12 72·28 73·12 73·70 74·70	79·12 79·03 78·87 79·37 79·20	76 · 20 76 · 12 75 · 87 75 · 62 75 · 53	73 · 62 73 · 87 73 · 95 73 · 78 73 · 78	71.87 71.78 71.70 71.62 71.62	70·28 70·20 70·12 70·03 70·12	71 · 87 71 · 78 71 · 76 71 · 53 71 · 45	71 · 12 71 · 12 71 · 03 71 · 12 71 · 20	70 · 62 70 · 62 71 · 03 71 · 45 72 · 03	71·70 71·78 71·70 71·70 71·70	71 · 95 72 · 03 72 · 28 72 · 20 72 · 20	72·37 72·28 72·12 72·03 71·95
16 17 18 19 20	75 · 70 76 · 20 76 · 70 76 · 87 77 · 20	78-95 78-53 78-20 78-12 77-87	75·28 75·12 74·95 74·87 74·70	73 · 70 73 · 78 73 · 70 73 · 53 73 · 28	71·53 71·37 71·20 71·12 71·03	70·12 70·03 70·12 70·20 70·20	71·28 71·20 71·20 71·12 71·12	71 · 20 71 · 12 71 · 12 71 · 03 71 · 03	$\begin{array}{c} 72 \cdot 37 \\ 72 \cdot 62 \\ 72 \cdot 45 \\ 72 \cdot 28 \\ 72 \cdot 28 \end{array}$	71.78 71.87 71.95 71.95 71.95	72 · 20 72 · 28 72 · 20 72 · 03 71 · 95	71-95 71-95 71-87 71-87 71-78
21	77-45 77-45 77-45 77-45 77-45	77-70 77-37 77-03 76-87 76-70	74 · 62 74 · 53 74 · 45 74 · 03 74 · 03	73 · 20 73 · 12 72 · 95 72 · 87 72 · 70	70-95 70-87 70-87 70-78 70-78	70·12 70·12 70·20 70·20 70·37	71·03 71·12 71·20 71·28 71·28	70·95 70·87 70·87 70·87 70·87	72 · 20 72 · 20 72 · 37 72 · 53 72 · 53	$71 \cdot 95$ $72 \cdot 03$ $72 \cdot 12$ $72 \cdot 12$ $72 \cdot 20$	71 · 87 71 · 95 72 · 03 72 · 12 72 · 20	
26	77-53 77-70 77-95 78-20 78-45	76 · 53 76 · 45	73 · 62 73 · 53	72 · 62 72 · 53 72 · 53	70 · 70 70 · 70 70 · 70 70 · 62		71.20		72-62 72-62 72-53 72-45 72-37 72-37		72·20 72·20 72·12	71·37 71·37

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1900-01.

ELEVATIONS above M.S.L. of Ottawa Mivel at Lower Ca									armor	1, 101	1900-	01.
										TA	BLE No	o. 484.
1	71·37 71·53 71·62 71·78 72·12	77 · 12 76 · 95 76 · 70 76 · 45 76 · 28	74 · 12 74 · 45 74 · 78 74 · 70 74 · 70	71 · 87 71 · 78 71 · 78 72 · 03 72 · 37	73 · 28 73 · 20 73 · 12 73 · 03 72 · 95	71 · 62 71 · 53 71 · 45 71 · 45 71 · 37	71·70 71·70 71·78 71·70 71·70	$\begin{array}{c} 71 \cdot 70 \\ 71 \cdot 70 \\ 71 \cdot 87 \\ 71 \cdot 95 \\ 72 \cdot 12 \end{array}$	73 · 12 73 · 03 72 · 87 72 · 78 72 · 70	71 · 53 71 · 62 71 · 62 71 · 70 71 · 70	71 · 62 71 · 62 71 · 70 71 · 70 71 · 87	71·03 71·03 70·95 70·87 70·78
6	72 · 62 74 · 62 75 · 37 75 · 70 75 · 37	76·12 76·03 75·95 75·95 75·95	$\begin{array}{c} 74 \cdot 62 \\ 74 \cdot 62 \\ 74 \cdot 53 \\ 74 \cdot 53 \\ 74 \cdot 45 \end{array}$	72·70 72·87 72·95 72·95 73·03	72 · 78 72 · 87 73 · 03 73 · 20 73 · 12	71·28 71·37 71·45 71·28 71·20	71 · 62 71 · 62 71 · 53 71 · 53 71 · 62	$\begin{array}{c} 71 \cdot 12 \\ 72 \cdot 12 \\ 72 \cdot 03 \\ 72 \cdot 03 \\ 72 \cdot 03 \\ 72 \cdot 03 \end{array}$	72·53 72·37 72·28 72·45 72·37	71·70 71·78 71·78 71·70 71·62	71.87 71.78 71.70 71.70 71.62	70 · 78 70 · 70 70 · 62 70 · 53 70 · 45
11 12 13 14 15	75·12 74·78 74·37 74·37 74·20	75-87 75-87 75-87 75-78 75-70	74 · 45 74 · 28 74 · 12 74 · 03 73 · 87	73 · 03 73 · 20 73 · 37 73 · 62 73 · 95	73 · 03 73 · 03 72 · 95 72 · 87 72 · 78	71 · 12 71 · 03 71 · 03 70 · 95 70 · 95	71 · 62 71 · 62 71 · 70 71 · 95 71 · 95	$\begin{array}{c} 71 \cdot 95 \\ 71 \cdot 95 \\ 72 \cdot 03 \\ 72 \cdot 03 \\ 72 \cdot 12 \end{array}$	$\begin{array}{c} 72 \cdot 28 \\ 72 \cdot 28 \\ 72 \cdot 20 \\ 72 \cdot 20 \\ 72 \cdot 12 \end{array}$	71 · 53 71 · 70 71 · 70 71 · 53 71 · 53	71 · 62 71 · 53 71 · 53 71 · 45 71 · 37	70·45 70·45 70·53 70·45 70·45
16	74 · 12 74 · 37 74 · 53 74 · 78 75 · 03	75·70 75·62 75·53 75·45 75·37	$73 \cdot 70$ $73 \cdot 53$ $73 \cdot 37$ $73 \cdot 28$ $73 \cdot 12$	74 · 03 74 · 20 74 · 53 74 · 87 74 · 62	$\begin{array}{c} 72 \cdot 78 \\ 72 \cdot 70 \\ 72 \cdot 70 \\ 72 \cdot 62 \\ 72 \cdot 53 \end{array}$	70·87 70·87 71·37 71·45 71·53	71.87 71.87 71.78 71.78 71.78 71.70	$\begin{array}{c} 72 \cdot 20 \\ 72 \cdot 28 \\ 72 \cdot 28 \\ 72 \cdot 37 \\ 72 \cdot 53 \end{array}$	72 · 12 72 · 03 71 · 95 71 · 87 71 · 78	71 · 53 71 · 53 71 · 62 71 · 62 71 · 62	$71 \cdot 37$ $71 \cdot 37$ $71 \cdot 37$ $71 \cdot 37$ $71 \cdot 28$	$\begin{array}{c} 70 \cdot 37 \\ 70 \cdot 37 \\ 70 \cdot 28 \\ 70 \cdot 28 \\ 70 \cdot 28 \end{array}$
21	75·62 75·87 76·28 76·78 77·20	75·37 75·28 75·20 75·20 75·03	73 · 03 73 · 03 72 · 95 72 · 87 72 · 78	74 · 45 74 · 28 74 · 12 73 · 87 73 · 87	72 · 53 72 · 45 72 · 45 72 · 37 72 · 20	71 · 53 71 · 62 71 · 62 71 · 62 71 · 53	71 · 78 71 · 87 71 · 95 71 · 87 71 · 87	72·70 72·78 72·78 72·78 72·87 72·95	71.78 71.70 71.78 71.70 71.62	71 · 62 71 · 53 71 · 78 71 · 78 71 · 78 72 · 62	$\begin{array}{c} 71 \cdot 28 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 12 \\ 71 \cdot 12 \\ 71 \cdot 12 \end{array}$	70·37 70·45 70·37 70·37 70·45
26	77-45 77-45 77-53 77-37 77-28	$74 \cdot 87$ $74 \cdot 70$ $74 \cdot 62$ $74 \cdot 62$ $74 \cdot 62$ $74 \cdot 53$ $74 \cdot 28$	72·53 72·37 72·28 72·20 72·03	73 · 78 73 · 70 73 · 62 73 · 53 73 · 45 73 · 45	72·12 72·03 71·95 71·87 71·70 71·70	71-53 71-53 71-53 71-62 71-78	71.87 71.95 71.87 71.78 71.78 71.70	73 · 12 73 · 28 73 · 45 73 · 53 73 · 53	71 · 53 71 · 53 71 · 53 71 · 45 71 · 45 71 · 45	71.87	71 · 12 71 · 12 71 · 03	$\begin{array}{c} 70 \cdot 53 \\ 71 \cdot 03 \\ 71 \cdot 70 \\ 72 \cdot 20 \\ 72 \cdot 20 \\ 71 \cdot 95 \end{array}$

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1901-02.

TABLE No. 48

						A STATE OF THE PARTY OF THE PAR				17	ARLE >	0. 485.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	72·03 72·20 72·62 72·70 73·95	77-95 77-95 77-87 77-78 77-70	75·03 75·03 74·95 75·12 75·37	72·37 72·20 72·12 72·12 72·03	70·62 70·87 70·87 70·95 70·95	70 · 62 70 · 53 70 · 37 70 · 45 70 · 37	69 · 37 · 69 · 37 · 69 · 37 · 69 · 37 · 69 · 28	70·03 70·03 70·12 70·12 70·12	70·53 70·53 70·45 70·45 70·37	71·70 71·70 71·87 71·87 71·95	71 · 20 71 · 20 71 · 20 71 · 12 71 · 12 71 · 12	70·70 71·03 71·53 72·20 72·45
6	74 · 70 76 · 20 76 · 95 77 · 20 77 · 45	77 · 62 77 · 53 77 · 45 77 · 20 77 · 03	75·53 75·53 75·62 75·62 75·53	72.03 72.03 71.95 71.95 72.03	70 · 87 70 · 87 70 · 78 70 · 87 70 · 87	$70 \cdot 37$ $70 \cdot 28$ $70 \cdot 28$ $70 \cdot 20$ $70 \cdot 20$	69 · 28 69 · 28 69 · 37 69 · 37 69 · 37	70 · 12 70 · 12 70 · 12 70 · 03 70 · 03	70·37 70·45 70·45 70·45 70·37	$\begin{array}{c} 72 \cdot 03 \\ 72 \cdot 03 \\ 72 \cdot 12 \\ 72 \cdot 20 \\ 72 \cdot 20 \end{array}$	71 · 03 71 · 12 71 · 03 71 · 03 71 · 03	72·53 72·45 72·45 72·28 72·28
11	77 · 53 77 · 28 77 · 20 76 · 78 76 · 45	76.95 76.70 76.62 76.45 76.28	75 · 45 75 · 45 75 · 20 74 · 95 74 · 70	71.95 71.87 71.70 71.62 71.53	70·87 70·78 70·78 70·70 70·62	70 · 28 70 · 20 70 · 12 70 · 12 70 · 03	69 · 28 69 · 28 69 · 28 69 · 20 69 · 37	$\begin{array}{c} 70 \cdot 03 \\ 70 \cdot 20 \end{array}$	70 · 45 70 · 53 70 · 53 70 · 53 71 · 53	72.03 71.95 71.70 71.62 71.62	70.95 70.87 70.87 70.87 70.87	72 · 20 72 · 20 72 · 53 73 · 03 73 · 53
16	76·45 76·20 76·03 75·95 76·03	76·20 76·12 76·03 76·03 75·95	74 · 45 74 · 45 74 · 37 74 · 12 73 · 87	71 · 53 71 · 45 71 · 37 71 · 28 71 · 20	70 · 62 70 · 62 70 · 53 70 · 53 70 · 53	69·95 69·87 69·87 69·87 69·78	69·37 69·53 69·70 69·78 69·95	70 · 20 70 · 28 70 · 28 70 · 20 70 · 20	72·03 72·03 71·95 71·70 71·62	71 · 53 71 · 70 71 · 53 71 · 53 71 · 45	70·78 70·78 70·70 70·70 70·78	73·87 74·37 75·12 75·28 75·45
21 22 23 24 25.	76·45 76·70 77·20 77·70 78·45	76-03 76-03 75-95 75-87 75-78	73 · 87 73 · 70 73 · 62 73 · 53 73 · 37	71 · 20 70 · 95 70 · 87 70 · 87 70 · 87 70 · 87	70·53 70·62 70·53 70·45 70·45	69 · 78 69 · 70 69 · 70 69 · 70 69 · 62	69·87 69·95 69·87 69·87	70 · 20 70 · 20 70 · 28 70 · 28 70 · 28	71·70 71·70 71·62 71·62 71·62	71 · 45 71 · 37 71 · 37 71 · 28 71 · 20	70 · 78 70 · 70 70 · 70 71 · 62 71 · 62	75 · 28 75 · 45 75 · 70 76 · 12 76 · 45
26. 27. 28. 29. 30. 31.	78-45 78-20 78-03 77-95 77-95	75·70 75·53 75·45 75·37 75·28 75·12	73·28 73·12 73·03 72·95 72·70	70-78 70-78 70-78 70-70 70-70 70-62	70·45 70·37 70·37 70·37 70·53 70·62	69 · 62 69 · 62 69 · 53 69 · 53 69 · 53	69-87 69-87 69-87 69-87 69-95 70-03	70·37 70·37 70·45 70·53 70·62	71·70 71·53 71·62 71·53 71·53 71·62	71 · 20 71 · 20 71 · 28 71 · 20 71 · 12 71 · 12	70 · 70 70 · 70 70 · 62	76·53 76·12 75·78 75·78 76·28 76·62

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1902-03.

TABLE No. 486. 76 · 62 76 · 53 76 · 53 76 · 53 76-62 76-53 76-53 76-53 74 · 95 75 · 03 75 · 03 75 · 12 73 · 87 73 · 78 73 · 70 73 · 78 73 · 78 73 · 78 $\begin{array}{c} 72 \cdot 20 \\ 72 \cdot 20 \\ 72 \cdot 28 \\ 72 \cdot 20 \\ 72 \cdot 20 \\ 72 \cdot 20 \end{array}$ 70 · 70 70 · 70 70 · 62 70 · 62 70 · 78 70 · 62 70 · 70 70 · 70 73 · 20 73 · 28 73 · 20 73 · 28 $71 \cdot 20$ $71 \cdot 20$ $71 \cdot 28$ $71 \cdot 95$ 72 · 28 72 · 37 72 · 28 72 · 45 72 · 45 $72 \cdot 28 \\ 72 \cdot 20$ 72 · 03 72 · 12 72 · 28 70.70 $73 \cdot 28$ $\begin{array}{c} 76 \cdot 20 \\ 75 \cdot 95 \\ 76 \cdot 12 \\ 75 \cdot 95 \\ 75 \cdot 70 \end{array}$ $\begin{array}{c} 75 \cdot 20 \\ 75 \cdot 12 \\ 75 \cdot 12 \\ 75 \cdot 03 \\ 74 \cdot 95 \end{array}$ 73·70 73·70 73·53 73·37 $\begin{array}{c} 72 \cdot 12 \\ 72 \cdot 03 \end{array}$ 73 · 28 73 · 28 73 · 20 73 · 20 72·12 72·12 72·20 72·20 72·20 72·20 70 · 62 70 · 53 70 · 53 72·53 72·62 72·62 72·37 70.70 76 · 20 75 · 95 76 · 12 75 · 95 70·70 70·70 70·78 71 · 95 71 · 87 70.62 $72 \cdot 20$ 72 · 28 72 · 37 72 · 28 72 · 20 75·70 75·53 75 · 53 75 · 53 74.95 $73 \cdot 20$ $73 \cdot 12$ 71.95 70 · 70 70 · 70 70.62 71 · 62 71 · 70 71 · 87 73·12 73·03 73·12 $72 \cdot 20$ 71.95 71.87 71.78 71.70 74 - 87 70 - 62 72 · 28 72 · 28 72 · 28 72 · 28 72 · 37 72 · 03 72 · 45 74 · 03 75 · 45 75 · 45 75 - 45 75 - 45 74 · 95 74 · 95 72 · 95 72 · 87 70·70 70·70 $72 \cdot 03$ 71 · 70 71 · 70 71 · 70 71 · 70 71 · 70 72 · 37 72 · 45 72 · 62 72 · 62 72 · 53 74-95 72·87 72·87 72·70 70.62 $70 \cdot 78$ 72 - 12 75 · 28 75 · 53 75 · 53 75 · 20 75 · 62 16 $75 \cdot 45$ 72.03 74 · 87 74 · 70 $72 \cdot 28$ $72 \cdot 53$ $72 \cdot 87$ 18 $71 \cdot 95$ 70 · 70 70 · 78 20. 70.95 72·53 72·45 72·37 72·37 75-03 75.03 74.78 $71 \cdot 70$ 72.95 $72 \cdot 78 \\ 72 \cdot 62$ $\begin{array}{c} 72 \cdot 12 \\ 72 \cdot 12 \\ 72 \cdot 12 \end{array}$ 21. 75 · 03 74 · 87 74 · 95 74 · 87 74 · 78 74 · 87 74 · 87 74 · 87 74 · 95 72.78 72.70 72.62 72.62 $71 \cdot 03$ 74 · 87 74 · 95 74 · 87 24 25 70 - 95 $72 \cdot 20 \\ 72 \cdot 20$ $\begin{array}{c} 74 \cdot 95 \\ 74 \cdot 95 \\ 75 \cdot 20 \\ 75 \cdot 20 \\ 75 \cdot 37 \end{array}$ 71 · 20 71 · 20 71 · 20 71 · 28 71 · 28 71 · 28 71 · 28 73 · 37 73 · 28 73 · 28 73 · 20 72·53 72·53 72·45 72·45 72·45 72·45 72·45 74 · 95 74 · 95 74-95 74-95 72·53 72·53 72·53 72·45 72·37 72·20 $71 \cdot 20$ $71 \cdot 12$ $71 \cdot 03$ 77 · 70 77 · 37 76 · 78 76 · 20 75 · 78 $\begin{array}{c} 72 \cdot 28 \\ 72 \cdot 20 \\ 72 \cdot 20 \end{array}$ 70.95 72 · 03 72 · 03 72 · 03 72 · 03 71 · 95 71 · 87 74-95 74-87 75.20 75 · 20 75 · 20 75 · 03 70.95 74-87 $73 \cdot 20$ 70.70

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1903-04.

TABLE No. 4										5. 487.		
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	75·37 75·28 75·20 75·12 75·12	73 · 87 73 · 95 74 · 03 74 · 12 74 · 28	73 · 95 73 · 95 73 · 87 73 · 87 73 · 70	74·20 74·45 74·87 74·70 74·45	72 · 20 72 · 12 71 · 62 71 · 53 71 · 37	71·37 71·28 71·20 71·12 70·87	70·87 70·87 71·03 71·12 71·20	71.62 71.62 71.53 71.53 71.53	70·70 70·70 70·70 70·62 70·62	71·37 71·20 71·03 70·86 70·70	71·53 71·62 71·95 71·95 72·03	70·78 70·78 70·70 70·70 70·78
6	75.03 75.28 75.28 75.53 75.37	74·45 74·62 74·87 74·95 75·03	73 · 70 73 · 53 73 · 53 73 · 45 73 · 37	74·20 74·20 73·95 73·78 73·70	71·20 71·12 70·87 70·78 70·87	70·87 70·95 70·95 71·03 71·03	71·37 71·62 71·70 71·95 72·12	71·53 71·45 71·45 71·45 71·12	70·70 70·70 70·70 70·78 70·70	70·70 70·95 71·03 71·12 71·37	72·12 72·37 72·53 72·62 72·70	70.87 70.87 70.87 70.95 70.95
11	75·28 75·12 74·95 74·95 74·87	75·12 75·28 75·37 75·28 75·28	73 · 28 73 · 28 73 · 53 73 · 53 73 · 70	73 · 62 73 · 45 73 · 37 73 · 28 73 · 12	70·78 70·78 70·70 70·78 70·78	71.03 71.03 71.87 71.78 71.78	$72 \cdot 28$ $72 \cdot 37$ $72 \cdot 28$ $72 \cdot 12$ $72 \cdot 20$	70 · 95 70 · 78 70 · 70 70 · 70 70 · 62	70·78 70·87 70·87 70·87 70·78	71·37 71·37 71·37 71·45 71·45	72 · 87 72 · 95 73 · 03 73 · 03 73 · 12	70·87 70·95 71·03 70·95 70·95
16	74 · 62 74 · 62 74 · 62 74 · 62 74 · 62	75·37 75·45 75·28 75·28 75·28	73 · 70 73 · 78 73 · 78 73 · 95 74 · 03	73-03 72-87 72-70 72-62 72-62	70·78 70·87 70·95 71·03 71·12	71.78 71.87 71.78 71.87 71.87	$\begin{array}{c} 72 \cdot 20 \\ 72 \cdot 28 \\ 72 \cdot 20 \\ 72 \cdot 20 \\ 72 \cdot 20 \\ 72 \cdot 28 \end{array}$	70 · 53 70 · 62 70 · 70 70 · 78 70 · 87	70·87 70·78 70·87 70·87 70·87	71·53 71·53 71·53 71·62 71·62	73 · 12 72 · 70 72 · 53 72 · 03 71 · 37	$71 \cdot 03$ $71 \cdot 12$ $71 \cdot 12$ $71 \cdot 12$ $71 \cdot 20$ $71 \cdot 28$
21	74·62 74·70 74·70 74·62 74·62	75 · 28 75 · 12 74 · 95 74 · 87 74 · 87	74 · 03 74 · 12 74 · 12 74 · 20 74 · 20	72·53 72·45 72·45 72·45 72·37	71·12 71·20 71·20 71·37 71·37	71 · 87 71 · 12 71 · 20 71 · 20 71 · 20	72·28 72·20 72·12 72·12 72·03	70.87 70.87 70.87 70.78 70.78	70 · 95 70 · 95 71 · 03 71 · 12 71 · 20	71 · 53 71 · 53 71 · 53 71 · 62 71 · 62	71 · 28 71 · 12 71 · 03 70 · 95 70 · 87	71·20 71·28 71·45 71·45 71·53
26		74·87 74·78 74·78 74·53 74·37 74·12	74 · 20 74 · 28 74 · 20 74 · 20 74 · 20	72·37 72·37 72·37 72·28 72·28 72·20	71 · 20 71 · 12 71 · 03 70 · 95 70 · 87 70 · 87	71 · 28 71 · 45 71 · 53 71 · 45 71 · 37	71 · 03 71 · 95 71 · 95 71 · 95 71 · 87 71 · 78	70-62 70-87 70-95 70-70 70-70	71 · 28 71 · 45 71 · 45 71 · 53 71 · 53 71 · 37	71 · 53 71 · 53 71 · 45 71 · 62 71 · 53 71 · 53	70·87 70·78 70·70 70·70	72·70 73·12 73·70

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1904-05.

ELEVATIO	ns ab	ove N	I.S.L.	of Ot	tawa	River	at Lo	ower (Carillo	n, for	1904-	-05.
										TA	BLE No	. 488.
1	74·37 74·12 75·87 76·20 76·53	77-95 77-95 78-12 78-37 78-37	78·20 78·37 78·70 78·87 78·95	74·70 74·45 74·37 74·20 74·03	72 · 20 71 · 95 71 · 87 71 · 78 71 · 70	$\begin{array}{c} 71 \cdot 03 \\ 71 \cdot 12 \\ 71 \cdot 20 \\ 71 \cdot 28 \\ 71 \cdot 20 \end{array}$	71 · 53 71 · 78 71 · 78 71 · 78 71 · 78 71 · 78	$\begin{array}{c} 71 \cdot 95 \\ 72 \cdot 03 \\ 72 \cdot 12 \\ 72 \cdot 03 \\ 72 \cdot 03 \\ 72 \cdot 03 \end{array}$	71·37 71·37 71·37 71·28 71·20	71 · 45 71 · 37 71 · 45 71 · 45 71 · 45	$\begin{array}{c} 72 \cdot 20 \\ 72 \cdot 20 \\ 72 \cdot 28 \\ 72 \cdot 37 \\ 72 \cdot 37 \end{array}$	72·87 72·78 72·78 72·70 72·53
6	76.87 77.45 77.62 77.53 78.70	78 · 95 79 · 20 79 · 45 79 · 45 79 · 53	78·95 78·87 78·87 78·87 78·95	73.87 73.70 73.70 73.70 73.70 73.70	$\begin{array}{c} 71 \cdot 62 \\ 71 \cdot 53 \\ 71 \cdot 37 \\ 71 \cdot 28 \\ 71 \cdot 20 \end{array}$	$\begin{array}{c} 71 \cdot 20 \\ 71 \cdot 28 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 20 \end{array}$	$\begin{array}{c} 71 \cdot 95 \\ 72 \cdot 12 \\ 72 \cdot 20 \\ 72 \cdot 20 \\ 72 \cdot 20 \end{array}$	$\begin{array}{c} 72 \cdot 03 \\ 72 \cdot 03 \\ 71 \cdot 95 \\ 71 \cdot 95 \\ 72 \cdot 12 \end{array}$	$\begin{array}{c} 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 12 \end{array}$	71·45 71·53 71·53 71·53 71·53	72·53 72·53 72·53 72·53 72·62	$\begin{array}{c} 72 \cdot 45 \\ 72 \cdot 37 \\ 72 \cdot 20 \\ 72 \cdot 12 \\ 72 \cdot 03 \end{array}$
11	78·45 78·37 78·03 77·53 77·20	79·45 79·45 79·45 79·45 79·20	79·03 78·95 78·95 78·95 78·45	73 · 62 73 · 62 73 · 62 73 · 62 73 · 62	$71 \cdot 20$ $71 \cdot 20$ $71 \cdot 20$ $71 \cdot 12$ $71 \cdot 12$	71 · 20 71 · 28 70 · 95 70 · 87 70 · 87	$\begin{array}{c} 72 \cdot 37 \\ 72 \cdot 45 \\ 72 \cdot 45 \\ 72 \cdot 53 \\ 72 \cdot 53 \\ 72 \cdot 53 \end{array}$	72.03 72.03 71.95 71.87 71.87	71·37 71·53 71·53 71·45 71·28	71·53 71·53 71·70 71·70 71·70	72.62 72.62 72.78 72.70 72.70	$\begin{array}{c} 72 \cdot 03 \\ 72 \cdot 03 \\ 71 \cdot 78 \\ 71 \cdot 78 \\ 71 \cdot 78 \end{array}$
16	76 · 53 76 · 62 76 · 62 76 · 45 75 · 45	78 · 95 78 · 70 78 · 45 78 · 45 78 · 37	78 · 20 78 · 20 77 · 87 77 · 70 77 · 53	73·53 73·45 73·37 73·20 72·95	$71 \cdot 03$ $71 \cdot 03$ $71 \cdot 03$ $71 \cdot 20$ $71 \cdot 28$	70·78 70·78 70·78 70·78 70·78	$\begin{array}{c} 72 \cdot 53 \\ 72 \cdot 45 \\ 72 \cdot 53 \\ 72 \cdot 62 \\ 72 \cdot 62 \end{array}$	71 · 78 71 · 78 71 · 78 71 · 70 71 · 70	71·37 71·37 71·37 71·45 71·53	71.87 72.03 71.95 71.87 71.78	$\begin{array}{c} 72 \cdot 70 \\ 72 \cdot 87 \\ 72 \cdot 95 \\ 73 \cdot 03 \\ 72 \cdot 70 \end{array}$	$71 \cdot 70$ $71 \cdot 70$ $71 \cdot 70$ $71 \cdot 62$ $71 \cdot 62$
21	75·03 74·70 74·53 74·45 74·45	78·45 78·45 78·37 78·28 78·28	76·45 76·45 76·12 75·95 75·87	72·70 72·53 72·53 72·45 72·45	71·28 71·37 71·37 71·28 71·20	70 · 70 70 · 70 71 · 12 71 · 20 71 · 45	$\begin{array}{c} 72 \cdot 70 \\ 72 \cdot 70 \\ 72 \cdot 95 \\ 73 \cdot 37 \\ 72 \cdot 95 \end{array}$	71 · 70 71 · 62 71 · 62 71 · 53 71 · 53	71·45 71·45 71·37 71·53 71·45	71·70 71·70 71·70 71·78 71·87	72·70 72·70 72·78 72·87 72·78	71.62 71.53 71.53 71.45 71.45
26	75·70 76·03 76·20 76·53 77·20	78·28 78·20 78·20 78·12 78·12 78·20	75·53 75·45 75·37 75·28 75·03	72·37 72·37 72·28 72·28 72·28 72·20	71 · 20 71 · 12 71 · 12 71 · 03 71 · 03 71 · 03	71·37 71·28 71·28 71·28 71·28 71·28	72·87 72·87 72·78 72·78 72·78 72·78 72·78	71·45 71·45 71·45 71·45 71·45	71·45 71·45 71·45 71·28 71·12 71·12	$\begin{array}{c} 71 \cdot 87 \\ 71 \cdot 95 \\ 72 \cdot 03 \\ 72 \cdot 20 \\ 72 \cdot 20 \\ 72 \cdot 28 \end{array}$	72-87 72-95 72-95	$\begin{array}{c} 71 \cdot 45 \\ 71 \cdot 53 \\ 72 \cdot 03 \\ 72 \cdot 28 \\ 73 \cdot 20 \\ 74 \cdot 03 \end{array}$

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1905-06.

										1.71	DLE N	J. 403.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	75-20 75-78 75-53 75-53 75-62	72 · 62 72 · 87 73 · 20 73 · 45 73 · 62	74 · 70 74 · 62 74 · 53 74 · 45 74 · 20	72 · 53 72 · 45 72 · 37 72 · 20 72 · 03	71·78 71·78 71·70 71·70 71·62	70 · 62 70 · 53 70 · 62 70 · 53 70 · 53	70·62 70·53 70·45 70·37 70·28	71·28 71·28 71·28 71·20 71·28	71·37 71·20 71·12 71·03 71·03	70 · 53 70 · 62 70 · 70 70 · 70 70 · 70	72·53 72·45 72·45 72·37 72·45	71·78 71·70 71·62 71·62 71·53
6	75·70 75·78 75·37 74·87 74·53	73 · 70 73 · 95 74 · 12 74 · 37 74 · 53	74 · 20 74 · 20 74 · 03 74 · 03 74 · 03	71.95 71.95 71.87 71.70 71.70	71.53 71.62 71.62 71.53 71.53	70·53 70·53 70·53 70·53 70·53	70·20 70·20 70·20 70·20 70·20	$71 \cdot 12$ $71 \cdot 12$ $71 \cdot 03$ $71 \cdot 12$ $71 \cdot 03$	71.03 71.03 70.95 71.03 71.03	70·87 70·95 70·95 70·95 70·95	72·45 72·28 72·37 72·28 72·20	71 · 45 71 · 28 71 · 20 70 · 95 70 · 95
11	74·20 74·12 74·03 73·87 73·70	75·03 75·20 75·45 75·53 75·53	73 · 87 73 · 87 73 · 70 73 · 70 73 · 53	71 · 62 71 · 62 71 · 70 71 · 62 .71 · 70	71·37 71·28 71·20 71·20 71·20	70·45 70·45 70·45 70·45 70·37	70·20 70·20 70·12 70·12 70·20	70·95 70·95 70·87 70·95 70·87	71.03 70.95 71.03 71.03 71.03	71·03 71·12 71·20 71·03 70·87	$72 \cdot 20$ $72 \cdot 28$ $72 \cdot 12$ $72 \cdot 12$ $72 \cdot 12$ $71 \cdot 95$	70·95 70·87 70·87 70·87 70·78
16	73 · 62 73 · 37 73 · 03 73 · 03 73 · 03	75·62 75·62 75·62 75·53 75·45	73 · 53 73 · 53 73 · 53 73 · 53 73 · 53	71·70 71·70 71·70 71·78 71·78	71 · 12 71 · 12 71 · 12 71 · 03 70 · 95	70·45 70·45 70·45 70·45 70·45	70 · 20 70 · 28 70 · 20 70 · 53 70 · 70	70·87 70·95 70·87 70·78 70·70	70.95 70.95 70.87 70.87 70.78	70 · 78 70 · 70 70 · 70 70 · 70 70 · 62	71.87 71.78 71.70 71.53 71.53	70·78 70·70 70·70 70·62 70·62
21	72.87 72.70 72.62 72.53 72.45	75 · 62 75 · 53 75 · 53 75 · 62 75 · 37	73 · 45 73 · 45 73 · 37 73 · 12 73 · 12	71.78 71.78 71.70 71.70 71.70	70 · 95 70 · 70 70 · 70 70 · 70 70 · 62	70 · 62 70 · 62 70 · 70 70 · 70 70 · 62	70 · 78 70 · 87 70 · 95 70 · 87 70 · 87	70 · 70 70 · 87 70 · 70 70 · 70 70 · 78	70·78 70·70 70·70 70·70 70·78	$70 \cdot 62$ $70 \cdot 53$ $70 \cdot 53$ $71 \cdot 20$ $72 \cdot 20$	71.45 71.45 71.70 71.78 71.78	70·53 70·53 70·45 70·45 70·45
26	72·45 72·45 72·45 72·45 72·53 72·53	75·20 75·20 75·03 74·87 74·78 74·78	73 · 03 72 · 95 72 · 87 72 · 87 72 · 62	71·78 71·62 71·62 71·70 71·70 71·78	70 · 62 70 · 53 70 · 53 70 · 53 70 · 53 70 · 53	70·53 70·53 70·53 70·53 70·53	$\begin{array}{c} 71 \cdot 12 \\ 71 \cdot 12 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 28 \\ 71 \cdot 28 \end{array}$	70·78 70·87 70·95 71·03 71·12	70 · 62 70 · 62 70 · 62 70 · 53 70 · 53 70 · 53		71·78 72·37 71·87	$\begin{array}{c} 70 \cdot 37 \\ 70 \cdot 70 \\ 71 \cdot 70 \\ 71 \cdot 70 \\ 72 \cdot 20 \\ 72 \cdot 70 \\ 72 \cdot 87 \end{array}$

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1906-07.

										TA	BLE No	. 490.
1	72·37 72·37 72·20 72·37 72·37	$\begin{array}{c} 74 \cdot 12 \\ 74 \cdot 12 \\ 74 \cdot 12 \\ 74 \cdot 20 \\ 74 \cdot 20 \\ 74 \cdot 20 \end{array}$	75 · 20 75 · 03 74 · 87 75 · 03 75 · 03	74·03 74·03 73·87 73·70 73·70	71·12 71·03 70·95 70·87 70·95	69·87 69·95 70·03 70·03 69·70	69-37 69-28 69-37 69-37 69-37	70 · 70 70 · 78 70 · 78 70 · 78 70 · 78 69 · 62	70 · 95 70 · 95 71 · 03 71 · 03 71 · 12	70·37 70·28 70·20 70·20 70·37	71 · 12 71 · 03 70 · 95 70 · 95 71 · 20	73.03 72.95 72.87 73.20 73.20
6	72·37 72·37 72·37 72·28 72·37	74·28 74·53 74·70 74·95 74·95	74 · 62 74 · 87 75 · 20 75 · 95 75 · 95	73 · 62 73 · 28 73 · 03 73 · 12 72 · 87	70·87 70·87 70·87 70·78 70·78	69 · 70 69 · 70 69 · 70 69 · 70 69 · 70	69·37 69·28 69·28 69·28 69·28	69·62 70·78 70·78 70·78 70·78 70·70	70 · 70 70 · 70 70 · 70 69 · 62 69 · 62	70 · 45 70 · 45 70 · 53 70 · 53 70 · 62	$\begin{array}{c} 71 \cdot 20 \\ 71 \cdot 28 \\ 71 \cdot 70 \\ 71 \cdot 62 \\ 71 \cdot 62 \end{array}$	73 · 20 73 · 28 73 · 37 73 · 37 73 · 20
11	72·28 72·28 72·28 72·45 72·45	75·03 75·12 75·28 75·62 75·87	75·45 75·45 75·45 75·20 75·12	72·87 72·70 72·53 72·37 72·20	70·78 70·70 70·70 70·53 70·53	69-62 69-62 69-53 69-53 69-53	69·28 69·37 69·37 69·37 69·37	70 · 78 70 · 78 70 · 70 70 · 70 69 · 62	69·53 69·53 69·53 69·62 70·87	70·62 70·53 70·62 70·70 70·70	71 · 53 71 · 53 71 · 62 71 · 62 71 · 62 71 · 62	$\begin{array}{c} 71 \cdot 28 \\ 71 \cdot 45 \\ 71 \cdot 20 \\ 71 \cdot 28 \\ 71 \cdot 20 \end{array}$
16	72·45 72·62 72·70 72·70 72·87	75.87 75.87 75.95 75.95 75.95	75·12 75·12 75·03 74·95 74·87	$\begin{array}{c} 72 \cdot 12 \\ 72 \cdot 12 \\ 71 \cdot 95 \\ 71 \cdot 87 \\ 71 \cdot 70 \end{array}$	70·53 70·28 70·20 70·20 70·20	69·53 69·45 69·37 69·37 69·28	69·37 69·45 69·45 69·37 69·62	69 · 62 69 · 62 69 · 62 69 · 62 69 · 62	70 · 95 70 · 70 70 · 70 70 · 70 70 · 70 70 · 70	70 · 62 70 · 62 70 · 62 70 · 62 70 · 70	71 · 62 72 · 45 72 · 45 72 · 45 72 · 45 72 · 45	$\begin{array}{c} 71 \cdot 12 \\ 71 \cdot 12 \end{array}$
21	72.87 72.95 73.45 73.53 73.53	75-87 75-87 75-95 75-78 75-70	74·70 74·62 74·62 74·53 74·53	71.62 71.53 71.45 71.37 71.37	$\begin{array}{c} 70 \cdot 12 \\ 70 \cdot 12 \\ 70 \cdot 20 \\ 70 \cdot 12 \\ 70 \cdot 12 \\ 70 \cdot 12 \end{array}$	69·28 69·28 69·37 69·28 69·28	69-62 69-62 69-62 69-78 69-78	69 · 62 70 · 78 70 · 87 70 · 78 70 · 70	70-62 70-62 70-62 70-37 70-37	70 · 95 -70 · 95 70 · 95 71 · 12 71 · 20	72·70 72·70 72·87 72·87 72·87 73·03	$71 \cdot 20$ $71 \cdot 20$ $71 \cdot 28$ $71 \cdot 37$ $71 \cdot 70$
26. 27. 28. 29. 30.	73.95 73.03 74.03 74.03 74.03	75·70 75·45 75·37 75·37 75·28 75·20	74·45 74·37 74·20 74·03 74·03	$\begin{array}{c} 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 12 \end{array}$	70 · 20 70 · 03 69 · 95 69 · 95 69 · 87 69 · 87	69·28 69·28 69·28 69·28 69·28	69-87 69-87 69-78 69-87 69-87 69-87	70·87 70·95 71·12 71·03 71·03	70·28 70·20 70·28 70·37 70·37 70·37		73·03 73·03 73·12	$\begin{array}{c} 72 \cdot 45 \\ 72 \cdot 53 \\ 74 \cdot 70 \\ 75 \cdot 20 \\ 75 \cdot 62 \\ 76 \cdot 12 \end{array}$

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1907-08.

TABLE No. 491

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	76 · 53 76 · 70 76 · 03 75 · 87 75 · 70	72 • 95 74 • 95 76 • 20 76 • 45 76 • 45	76 · 28 76 · 12 76 · 12 76 · 03 75 · 95	74 · 20 74 · 12 74 · 20 74 · 20 74 · 12	72 · 20 72 · 12 72 · 12 72 · 12 72 · 12 72 · 12	70-87 70-95 70-95 70-95 70-87	71·53 71·45 71·53 71·53 71·62	71·95 71·70 71·78 71·87 71·87	71·87 71·95 71·70 71·70 71·70	72·37 72·28 72·37 72·37 72·20	72·37 72·28 72·20 72·28 72·37	73 · 20 73 · 20 73 · 28 73 · 12 73 · 12
6	75·28 75·28 74·37 74·20 73·95	76 · 20 75 · 37 75 · 37 75 · 20 75 · 20	75·95 76·12 76·12 76·03 76·12	74 · 03 73 · 95 73 · 70 73 · 78 73 · 70	72.03 71.95 72.12 71.87 71.78	70·78 70·70 70·70 70·70 70·62	71 · 62 71 · 70 71 · 70 71 · 62 71 · 62	71 · 87 72 · 20 72 · 53 72 · 37 72 · 20	71 · 53 71 · 62 71 · 53 71 · 53 71 · 53	72·28 72·28 72·20 72·45 72·20	74·12 74·20 74·12 74·20 74·03	73 · 12 73 · 20 72 · 95 71 · 95 71 · 95
11	73 · 62 73 · 70 73 · 70 73 · 37 73 · 95	74 · 95 74 · 95 74 · 95 74 · 95 74 · 87	76.03 75.95 75.87 75.78 75.62	73 · 62 73 · 62 73 · 28 73 · 20 73 · 03	71·70 71·53 71·53 71·53 71·53	70 · 62 70 · 62 70 · 70 70 · 70 70 · 78	71.62 71.62 71.62 70.70 71.70	72·20 72·20 72·03 72·03 71·95	71·53 71·28 71·20 71·28 71·12	72·20 72·45 72·45 72·37 72·28	73 · 87 73 · 87 73 · 70 74 · 53 73 · 45	71 · 95 71 · 95 72 · 95 73 · 03 72 · 95
16	73·70 72·95 72·95 72·95 73·03	75·37 75·70 75·70 75·70 75·95	75·53 75·53 75·28 75·20 75·03	72 · 95 72 · 95 73 · 03 72 · 87 72 · 62	71.53 71.62 71.28 71.20 71.20	70·87 70·87 71·03 71·03 71·12	71·87 71·70 71·87 71·62 71·70	71.95 71.95 71.95 72.03 72.03	71·37 72·03 71·87 71·95 71·87	72 · 28 72 · 28 72 · 37 72 · 45 72 · 53	73 · 03 73 · 03 73 · 03 73 · 03 73 · 03	73 · 03 73 · 03 73 · 20 72 · 87 71 · 78
21	73 · 20 73 · 20 73 · 12 72 · 95 73 · 12	76·20 76·45 76·03 77:12 76·70	74 · 95 74 · 95 74 · 53 74 · 53 74 · 37	72 · 62 72 · 53 72 · 53 72 · 53 72 · 53	71·12 71·12 71·03 71·03 70·95	71·12 71·20 71·20 71·28 71·28		72·03 72·12 72·12 72·03 72·12	71 · 95 71 · 95 71 · 95 72 · 03 71 · 87	72·45 72·53 72·53 72·53 72·53	72 · 87 72 · 87 72 · 87 73 · 20 73 · 20	
26 27 28 -9 30 31	73·12 73·12 73·20 73·20 73·20	76·70 76·53 76·45 76·45 76·45 76·45	74 · 28 74 · 20 74 · 12 74 · 12 74 · 28	72 · 45 72 · 37 72 · 28 72 · 12 72 · 12 72 · 12 72 · 20	70·95 70·78 70·78 70·87 70·87 70·87	71·45 71·37 71·37 71·45 71·53	71.70 71.70 71.70	72 · 12 72 · 03 72 · 03 72 · 03 72 · 03 71 · 95	71.87 71.95 71.95 71.87 71.87 71.95 72.03	72 · 62 72 · 62 72 · 37	73-37 73-45 73-53 73-53	72.28

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1908–09.

										TA	BLE No	. 492.
1	$73 \cdot 95$ $74 \cdot 20$ $74 \cdot 12$ $74 \cdot 70$ $75 \cdot 03$	76 · 20 75 · 95 76 · 12 76 · 12 77 · 20	79·95 79·95 79·95 79·87 79·87	73 · 95 73 · 95 73 · 78 73 · 53 73 · 12	70 · 70 70 · 70 70 · 62 70 · 53 70 · 37	70·20 70·20 70·20 70·28 70·28	$69 \cdot 28$ $69 \cdot 20$ $69 \cdot 20$ $69 \cdot 20$ $69 \cdot 20$	68 · 70 68 · 95 68 · 95 68 · 87 68 · 87	69·53 69·53 70·12 70·53 70·53	70·53 70·45 70·45 70·37 70·28	70·37 70·37 70·37 70·37 70·37	71·28 71·28 71·28 71·12 71·20
6	75·03 75·12 75·12 75·20 76·37	78 · 12 78 · 12 78 · 12 78 · 70 79 · 62	79·87 79·70 79·53 79·37 77·87	$\begin{array}{c} 73 \cdot 53 \\ 73 \cdot 12 \\ 73 \cdot 20 \\ 73 \cdot 20 \\ 73 \cdot 03 \end{array}$	70·45 70·37 70·37 70·20 70·20	70 · 20 70 · 12 70 · 12 69 · 95 69 · 87	$\begin{array}{c} 69 \cdot 20 \\ 69 \cdot 20 \end{array}$	68 · 95 68 · 95 69 · 03 69 · 12 69 · 12	70·37 70·37 70·28 70·28 70·37	$\begin{array}{c} 70 \cdot 20 \\ 70 \cdot 20 \\ 70 \cdot 62 \\ 70 \cdot 62 \\ 70 \cdot 62 \\ 70 \cdot 62 \end{array}$	70·70 70·70 70·70 70·62 70·70	71 · 28 71 · 37 71 · 37 71 · 37 71 · 45
11 12 13 14 15	76·37 76·37 76·53 76·45 76·45	80·12 80·20 80·12 80·53 80·53	77·53 77·12 75·87 75·87 75·53	$\begin{array}{c} 72 \cdot 95 \\ 72 \cdot 95 \\ 72 \cdot 95 \\ 72 \cdot 95 \\ 73 \cdot 03 \\ 72 \cdot 78 \end{array}$	$\begin{array}{c} 70 \cdot 12 \\ 70 \cdot 12 \\ 70 \cdot 20 \\ 70 \cdot 20 \\ 70 \cdot 20 \end{array}$	69·87 69·87 69·87 69·87 69·78	$69 \cdot 20$ $69 \cdot 12$	69·12 69·12 69·12 69·12 69·12	$\begin{array}{c} 70 \cdot 20 \\ 70 \cdot 20 \end{array}$	70·53 70·53 70·53 70·53 70·53	70 · 78 70 · 87 70 · 87 70 · 53 70 · 53	71·45 71·37 71·37 71·37 71·28
16 17 18 19 20	$\begin{array}{c} 75 \cdot 45 \\ 76 \cdot 53 \\ 76 \cdot 20 \\ 76 \cdot 20 \\ 76 \cdot 53 \end{array}$	80·37 80·45 80·53 80·53 80·45	75·53 75·78 75·62 75·53 75·53	$\begin{array}{c} 72 \cdot 78 \\ 72 \cdot 70 \\ 72 \cdot 87 \\ 72 \cdot 78 \\ 72 \cdot 70 \end{array}$	70 · 03 69 · 87 69 · 87 69 · 78 69 · 78	69·78 69·70 69·70 69·70 69·62	$69 \cdot 12$	$69 \cdot 12$	$70 \cdot 20$ $70 \cdot 12$	70·53 70·53 70·45 70·45 70·53	70·53 70·62 70·70 70·78 70·78	$\begin{array}{c} 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 20 \end{array}$
21	76 · 53 76 · 28 76 · 37 76 · 37 76 · 20	80·53 80·45 80·28 80·20 79·95	$\begin{array}{c} 75 \cdot 62 \\ 76 \cdot 12 \\ 76 \cdot 12 \\ 76 \cdot 28 \\ 75 \cdot 37 \end{array}$	$\begin{array}{c} 72 \cdot 78 \\ 72 \cdot 53 \\ 72 \cdot 62 \\ 71 \cdot 95 \\ 72 \cdot 53 \end{array}$	69 · 87 69 · 78 69 · 78 69 · 70 69 · 70	69 · 62 69 · 53 69 · 53 69 · 53	69 · 03 69 · 03 69 · 03 69 · 03 68 · 95	69·12 69·12 69·12 69·12 69·20	70·03 70·03 70·03 70·03 70·12	70 · 53 70 · 62 70 · 53 70 · 53 70 · 53	70 · 78 70 · 78 70 · 70 70 · 70 70 · 78	71 · 12 70 · 95 70 · 70 70 · 70 70 · 70
26	76·20 76·37 76·12 76·12 76·20	79·62 79·53 79·12 79·12 79·03 78·95	74 · 20 73 · 95 73 · 95 74 · 20 73 · 95	72·20 72·20 72·03 71·70 71·70 71·70	69-70 69-62 69-62 69-37 69-03 69-03	69·53 69·45 69·45 69·45 69·37	68 · 95 68 · 95 69 · 03 69 · 03 69 · 03 68 · 70	69·20 69·28 69·37 69·37 69·53	70 · 20 70 · 12 70 · 20 70 · 28 70 · 37 69 · 70	70.37	70 · 95 71 · 20 71 · 20	70 · 87 70 · 87 71 · 03 71 · 12 71 · 20 71 · 37

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1909-10.

TABLE No. 493.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71 · 62 71 · 78 72 · 12 72 · 37 72 · 70	76·37 76·70 77·70 77·70 77·45	81·03 80·87 80·53 80·12 79·87	74 · 12 74 · 03 73 · 87 73 · 78 73 · 62	73 · 95 73 · 95 73 · 95 73 · 78 73 · 62	71·62 71·62 71·53 71·53 71·53	71·62 71·62 71·70 71·70 71·62	71·12 71·03 71·12 71·12 71·03	71 · 62 71 · 70 71 · 70 71 · 62 71 · 53	71·45 71·53 71·37 71·37 71·37	71 · 62 71 · 62 71 · 53 71 · 53 71 · 45	71·45 71·45 71·28 71·28 71·45
6	73 · 53 74 · 70 75 · 70 76 · 95 76 · 95	77·20 77·20 77·03 77·12 77·28	79·53 79·20 78·87 78·53 78·12	73 · 53 73 · 37 73 · 20 73 · 20 73 · 12	73 · 53 73 · 37 73 · 03 72 · 95 72 · 70	71 · 62 71 · 53 71 · 53 71 · 62 71 · 62	71 · 62 71 · 70 71 · 78 71 · 78 71 · 78 71 · 78	70 · 95 70 · 95 71 · 03 71 · 03 71 · 12	71·45 71·62 71·37 71·28 71·62	71 · 53 71 · 45 71 · 37 71 · 37 71 · 28	71·45 71·37 71·53 71·62 71·62	71.53 71.62 71.95 72.28 72.70
11	76-62 76-03 75-70 76-45 76-78	77·45 78·20 79·03 79·20 79·37	77 · 78 77 · 45 77 · 20 76 · 95 76 · 70	73 · 03 72 · 95 72 · 78 72 · 70 72 · 70	72·70 72·62 72·45 72·28 72·28	71 · 70 71 · 70 71 · 62 71 · 78 71 · 87	71 · 70 71 · 70 71 · 62 71 · 53 71 · 37	71 · 03 71 · 03 71 · 03 71 · 03 70 · 95	71 · 87 72 · 03 71 · 87 71 · 78 71 · 87	71 · 28 71 · 28 71 · 28 71 · 20 71 · 37	71 · 53 71 · 62 71 · 62 71 · 53 71 · 53	$\begin{array}{c} 72 \cdot 62 \\ 72 \cdot 53 \\ 72 \cdot 37 \\ 72 \cdot 28 \\ 72 \cdot 12 \end{array}$
16	76 · 78 76 · 70 76 · 53 76 · 70 76 · 95	79-62 79-87 80-12 80-37 80-53	76 · 45 76 · 20 75 · 95 75 · 95 75 · 53	72 · 62 72 · 53 72 · 37 72 · 37 72 · 37 72 · 28	$\begin{array}{c} 72 \cdot 37 \\ 72 \cdot 37 \\ 72 \cdot 28 \\ 72 \cdot 28 \\ 72 \cdot 20 \end{array}$	71 · 78 71 · 70 71 · 70 71 · 78 71 · 70	$\begin{array}{c} 71 \cdot 28 \\ 71 \cdot 20 \end{array}$	$70 \cdot 95$ $71 \cdot 03$ $71 \cdot 03$ $71 \cdot 12$ $71 \cdot 20$	71 · 87 71 · 62 71 · 62 71 · 53 71 · 62	71 · 45 71 · 45 71 · 45 71 · 37 71 · 28	71·45 71·45 71·45 71·62 71·53	71 · 78 71 · 62 71 · 62 71 · 53 71 · 45
21	77-12 77-12 77-12 76-87 76-87	80·70 80·95 81·20 81·20 81·20	74 · 95 74 · 70 75 · 45 75 · 20 74 · 95	$72 \cdot 28$ $72 \cdot 20$ $72 \cdot 20$ $72 \cdot 37$ $72 \cdot 37$	72 · 12 72 · 03 71 · 95 71 · 95 71 · 87	71 · 70 71 · 87 71 · 78 71 · 87 71 · 87	$71 \cdot 12$ $71 \cdot 20$ $71 \cdot 28$ $71 \cdot 20$ $71 \cdot 20$	71 · 28 71 · 28 71 · 45 71 · 45 71 · 62	71 · 70 71 · 62 71 · 62 71 · 53 71 · 53	71 · 28 71 · 28 71 · 37 71 · 45 71 · 53	71·53 71·45 71·45 71·45 71·37	$\begin{array}{c} 71 \cdot 45 \\ 71 \cdot 78 \\ 72 \cdot 20 \\ 72 \cdot 78 \\ 73 \cdot 20 \end{array}$
26. 27. 28. 29. 30. 31.	76·70 76·70 76·53 76·70 76·70	81·20 81·20 81·28 81·45 81·45 81·20	74 · 78 74 · 70 74 · 53 74 · 37 74 · 28	72·37 72·70 72·87 73·20 73·62 73·78	71·70 71·78 71·87 71·70 71·62 71·70	71.95 71.95 71.87 71.95 71.87	71 · 20 71 · 12 71 · 12 71 · 12 71 · 03 71 · 03 71 · 03	71.62 71.53 71.53 71.53 71.62	71·45 71·37 71·37 71·37 71·37 71·37 71·45	71·62 71·78 71·78 71·78 71·78 71·62 71·53	71·37 71·53 71·53	73 · 70 73 · 95 73 · 78 73 · 62 73 · 62 73 · 70

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1910-11.

•										TA	BLE N	0. 494.
34	73 · 78 74 · 20 74 · 37 74 · 28 74 · 53	75.95 75.95 76.03 75.95 75.95	73 · 45 73 · 45 73 · 53 73 · 62 73 · 78	72·45 72·28 72·28 72·28 72·28 72·20	70·70 70·70 70·70 70·87 70·87	70·70 70·78 70·95 70·78 70·78 70·78	70·12 70·03 70·20 70·20 70·28	71·12 71·12 71·12 71·20 71·12	71 · 28 71 · 28 71 · 20 71 · 28 71 · 28	79 · 70 70 · 70 70 · 70 70 · 78 70 · 70	$\begin{array}{c} 71 \cdot 12 \\ 71 \cdot 12 \\ 71 \cdot 12 \\ 71 \cdot 12 \\ 71 \cdot 03 \\ 71 \cdot 03 \end{array}$	71 · 45 71 · 28 70 · 95 70 · 78 70 · 70
7	74·70 74·87 74·95 75·12 75·20	75.87 75.87 75.70 75.28 75.28	74 · 03 74 · 20 74 · 20 74 · 37 74 · 37	$72 \cdot 03$ $72 \cdot 03$ $72 \cdot 03$ $71 \cdot 95$ $71 \cdot 78$	70·70 70·62 70·70 70·70 70·87	70·95 70·95 71·03 70·87 70·87	70·37 70·70 70·95 71·12 71·12	$\begin{array}{c} 71 \cdot 12 \\ 71 \cdot 20 \end{array}$	$\begin{array}{c} 71 \cdot 12 \\ 71 \cdot 12 \\ 71 \cdot 12 \\ 71 \cdot 12 \\ 71 \cdot 03 \\ 71 \cdot 20 \end{array}$	70·87 70·87 70·87 70·78 70·78	71·03 71·12 71·37 71·62 72·03	70.62 70.62 70.53 70.37 70.37
12	75·37 75·37 75·28 75·20 75·20	75·20 74·95 74·78 74·62 74·45	$74 \cdot 45$ $74 \cdot 28$ $74 \cdot 03$ $74 \cdot 12$ $74 \cdot 12$	71·70 71·70 71·62 71·62 71·53	70·78 70·78 70·78 70·70 70·70	70·78 70·78 70·87 70·78 70·70	71·03 71·03 71·20 71·20 71·37	71·28 71·28 71·37 71·37 71·28	71 · 20 71 · 12 71 · 03 71 · 03 70 · 95	70·87 70·87 70·87 70·87 70·78	72 · 20 71 · 87 71 · 87 71 · 78 71 · 78 71 · 78	70-37 70-28 70-28 70-28 70-37
17	75·03 74·95 74·95 74·95 74·87	74·45 74·37 74·37 74·03 73·87	73.95 73.87 73.95 73.87 73.70	71.53 71.45 71.45 71.28 71.20	70·78 70·70 70·70 70·70 70·62	70·70 70·70 70·62 70·62 70·53	$\begin{array}{c} 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 28 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 20 \end{array}$	71 · 28 71 · 20 71 · 12 71 · 12 71 · 12 71 · 12	70·95 70·95 70·87 70·87 70·87	70·78 70·95 70·95 71·03 71·03	71.87 71.87 71.87 71.78 71.78	70·37 70·37 70·28 70·28 70·28
22 23 24	74·87 74·95 74·95 75·12 75·20	73 · 70 73 · 87 73 · 87 73 · 70 73 · 70	73·45 73·37 73·37 73·28 73·20	$\begin{array}{c} 71 \cdot 28 \\ 71 \cdot 20 \\ 71 \cdot 12 \\ 71 \cdot 12 \\ 70 \cdot 95 \end{array}$	70 · 62 70 · 62 70 · 62 70 · 78 70 · 87	$70 \cdot 45$ $70 \cdot 45$ $70 \cdot 28$ $70 \cdot 37$ $70 \cdot 20$	$71 \cdot 28$ $71 \cdot 28$ $71 \cdot 03$ $71 \cdot 03$ $71 \cdot 03$	$\begin{array}{c} 71 \cdot 20 \\ 71 \cdot 12 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 20 \end{array}$	70·70 70·70 70·62 70·53 70·53	70.95 70.95 70.95 70.87 70.87	71 · 78 71 · 62 71 · 62 71 · 62 71 · 53	70·28 70·37 70·37 70·37 70·37
27	75·37 75·37 75·53 75·78 75·95	73 · 53 73 · 45 73 · 28 73 · 28 73 · 37 73 · 45	73 · 03 72 · 95 72 · 78 72 · 62 72 · 53	70·95 70·87 70·87 70·87 70·70 70·70	70·70 70·62 70·62 70·70 70·70 70·62	70·20 70·28 70·20 70·20 70·20	$\begin{array}{c} 70 \cdot 95 \\ 71 \cdot 12 \\ 71 \cdot 12 \\ 71 \cdot 20 \\ 71 \cdot 20 \\ 71 \cdot 12 \\ 71 \cdot 12 \end{array}$	71·20 71·12 71·20 71·28 71·28	70·45 70·45 70·53 70·62 70·70 70·70	70·87 70·87 70·78 70·78 70·95 71·03	71·53 71·45 71·45	70 · 45 70 · 37 70 · 37 70 · 45 70 · 45 70 · 53

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1911–12.

TABLE No. 495.

				-ATAOON -						Ι.	ADUE 1	VO. 455.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70-53 70-53 70-70 70-87 70-95	74-95 75-12 75-37 75-95 76-37	75-78 75-70 75-70 75-53 75-45	73 · 20 73 · 12 72 · 87 72 · 87 72 · 87	70·78 70·78 70·70 70·78 70·70	70·28 70·28 70·20 70·20 70·20	69·70 69·70 69·70 69·70 69·62	69 · 62 69 · 45 69 · 45 69 · 53 69 · 45	70·87 71·03 71·03 71·12 71·12	72·03 71·87 71·87 71·87 71·78	72·37 72·37 72·03 71·95 71·95	72 · 62 72 · 62 72 · 62 72 · 53 72 · 62
6	70.95 71.03 71.37 71.87 72.62	76 · 70 76 · 87 77 · 03 77 · 20 77 · 20	75-37 75-37 75-28 75-12 74-95	72·70 72·70 72·62 72·45 72·28	70 · 70 70 · 62 70 · 62 70 · 70 70 · 70	70·20 70·28 70·20 70·28 70·20	69 · 62 69 · 62 69 · 53 69 · 53 69 · 53	69·62 69·45 69·45 69·62 69·78	71 · 03 71 · 03 70 · 95 70 · 87 70 · 87	71.95 72.12 72.20 72.20 72.12	72·12 72·03 71·95 72·03 72·03	72.53 72.62 72.62 72.45 72.45
11 12 13 14 15	73·20 73·95 74·95 75·37 75·70	77·20 77·37 77·20 76·95 76·87	74.95 74.70 74.70 74.78 74.87	72 · 20 72 · 03 71 · 95 71 · 87 71 · 70	70·87 70·87 70·87 70·95 71·03	70·20 69·95 69·95 69·78 70·03	69·53 69·45 69·45 69·45	69 · 95 69 · 95 69 · 78 70 · 03 70 · 20	$70 \cdot 95$ $71 \cdot 28$ $71 \cdot 78$ $72 \cdot 12$ $72 \cdot 20$	72·12 73·20 72·37 72·37 72·20	72·45 72·70 72·78 72·70 72·45	72·37 72·37 72·28 72·37 72·28
16. 17. 18. 19.	75 · 95 75 · 70 75 · 20 74 · 95 74 · 53	76 · 70 76 · 53 76 · 37 76 · 12 75 · 95	74.95 74.78 74.78 74.62 74.53	71 · 62 71 · 62 71 · 53 71 · 45 71 · 37	71 · 03 70 · 95 70 · 87 70 · 70 70 · 70	69 · 95 69 · 95 69 · 95 69 · 95 69 · 78	69·45 69·62 69·62 69·62	70.03 70.20 70.20 70.20 70.37	72 · 03 72 · 12 72 · 03 71 · 95 71 · 95	$\begin{array}{c} 72 \cdot 20 \\ 72 \cdot 28 \\ 72 \cdot 28 \\ 72 \cdot 20 \\ 72 \cdot 20 \\ 72 \cdot 20 \end{array}$	72·45 72·37 72·20 72·03 71·87	72 · 20 72 · 03
21	74 · 28 74 · 12 73 · 95 73 · 95 73 · 87	75 · 78 75 · 70 75 · 62 75 · 62 75 · 78	74·37 74·20 74·03 73·95 73·87	71 · 37 71 · 28 71 · 20 71 · 20 71 · 03	70 · 70 70 · 62 70 · 62 70 · 62 70 · 62	69-95 69-87 69-87 69-78 69-87	69-62 69-62 69-45 69-37 69-37	70 · 45 70 · 37 70 · 53 70 · 62 70 · 53	71 · 95 71 · 95 71 · 87 71 · 78 71 · 78	72 · 37 72 · 12 71 · 95 71 · 95 71 · 87	71 · 70 71 · 62 71 · 62 71 · 62 71 · 78	71.87 71.87 71.95
26		75.95 76.03 76.03 76.03 76.03 75.95	73·70 73·62 73·23 73·28 73·20	70-95 70-95 70-95 70-87 70-78 70-78	70-62 70-53 70-53 70-37 70-37 70-20	69-78 69-87 69-70 69-78 69-70	69·37 69·45 69·45 69·37 69·45 69·62	70-53 70-70 70-70 70-62 70-78	71.78 71.78 71.62 71.78 72.12 72.12	71.78 71.95 72.12 71.95 71.95 72.28		71-62 71-62

Elevations above M.S.L. of Ottawa River at Lower Carillon, for 1912-13.

TABLE No. 496. 76·16 76·12 76·03 75·78 75·41 74 · 03 73 · 82 73 · 66 73 · 53 71 · 70 71 · 62 71 · 53 71 · 45 71 · 41 71·20 71·20 71·20 71·20 71·20 71·16 72 · 74 72 · 58 72 · 58 72 · 62 72 · 62 72 · 62 72 · 74 72 · 82 72 · 74 72 · 78 72 · 78 72 · 78 1.2.3. $71 \cdot 24$ $71 \cdot 28$ $71 \cdot 24$ 78 · 91 78 · 83 78 · 49 71.03 71.03 71.07 $72 \cdot 41$ $72 \cdot 53$ $72 \cdot 62$ $72 \cdot 16$ $72 \cdot 12$ $71 \cdot 99$ 73·12 73·12 73·03 72.66 $78 \cdot 24$ 77.99 73 - 45 73, 20 5..... $71 \cdot 16$ $73 \cdot 37$ $73 \cdot 24$ $72 \cdot 99$ $72 \cdot 91$ $72 \cdot 87$ 71·28 71·28 71·37 71·37 71·45 $71 \cdot 12$ $71 \cdot 12$ $71 \cdot 20$ $71 \cdot 28$ 70 · 95 70 · 82 70 · 82 70 · 87 71-12 75-41 77.89 72-66 75-41 75-45 75-49 75-41 77-49 77-28 77-16 77-07 72·70 72·66 71 · 16 72 · 24 73 · 74 74-41 72.49 72 · 78 72 · 78 72 · 70 72 · 62 72 · 57 71.45 71.45 71.57 71.70 71.78 75 · 45 75 · 53 75 · 62 76.87 76.66 76.45 76.20 76.03 $71 \cdot 37$ $71 \cdot 28$ 70.82 74 - 62 $72 \cdot 70$ $72 \cdot 70$ $72 \cdot 57$ 72·37 72·28 72·49 72·74 72·78 73 - 28 $74 \cdot 99$ $75 \cdot 24$ $75 \cdot 62$ 73.66 74 · 62 74 · 45 74 · 53 74 · 45 74 · 28 70·87 70·78 70·78 73.66 $71 \cdot 20$ 75.66 15.... 70.62 75-66 76.03 75.99 75.74 75.53 75.49 $\begin{array}{c} 72 \cdot 53 \\ 72 \cdot 53 \\ 72 \cdot 45 \\ 72 \cdot 28 \\ 72 \cdot 20 \end{array}$ $71 \cdot 20$ $71 \cdot 16$ $71 \cdot 20$ $71 \cdot 20$ $76 \cdot 07$ $76 \cdot 20$ $76 \cdot 49$ 70.70 74 · 24 74 · 16 73 · 99 73 · 24 73 · 37 73 · 37 $75 \cdot 95$ 70-66 70-74 70-78 70-87 76 · 24 76 · 66 18 20. 76-28 75-99 76-20 76-37 76-53 77 · 20 77 · 12 77 · 03 76 · 95 76 · 95 75-41 75-32 75-28 75-12 $\begin{array}{c} 72 \cdot 24 \\ 72 \cdot 24 \\ 72 \cdot 20 \\ 72 \cdot 20 \\ 72 \cdot 20 \\ 72 \cdot 22 \end{array}$ $\begin{array}{c} 72 \cdot 66 \\ 72 \cdot 99 \\ 72 \cdot 91 \\ 72 \cdot 53 \\ 72 \cdot 41 \end{array}$ 71-28 71.49 70.95 73.08 74.91 75.24 76.87 77.32 78.24 73 · 20 73 · 12 73 · 16 $71 \cdot 24$ $71 \cdot 37$ 76-62 76-24 76-20 76-20 76-12 77 · 12 77 · 41 77 · 62 77 · 91 78 · 32 78 · 70 78-41 78-24 77-91 77-53 77-07 74-95 74-87 $72 \cdot 03$ $71 \cdot 95$ 71 · 28 71 · 20 71 · 28 71 · 37 71 · 28 71 · 20 71 · 20 71 · 28 71 · 20 72 · 99 72 · 83 72 · 78 72 · 70 72 · 33 74-62 74-41 74-24 72.74 29 30.

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1913-14.

					- 100							101 101.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	77-28	76 · 82	74 · 78	71-91	70·95	70·20	70·37	71.99	73·07	71·70	71·70	73 · 16
	77-87	77 · 03	74 · 53	71-87	70·87	70·20	70·57	72.20	73·12	71·62	71·70	72 · 99
	77-95	77 · 33	74 · 37	71-87	70·89	70·28	70·53	72.20	72·99	71·57	71·91	72 · 74
	77-87	77 · 66	74 · 37	71-74	70·87	70·53	70·53	72.03	73·03	71·62	71·74	72 · 49
	77-95	77 · 91	74 · 24	71-70	70·78	70·45	70·45	71.95	72·99	71·95	71·70	72 · 45
6	78 · 20	77-95	74 · 03	71·58	70·78	70·37	70·37	71.95	72·95	72·03	71 · 62	72 · 24
	78 · 28	77-95	73 · 86	71·28	70·87	70·37	70·37	71.95	73·03	72·03	71 · 62	72 · 07
	78 · 20	78-03	73 · 78	71·37	70·74	70·28	70·37	71.91	72·95	71·79	71 · 99	71 · 99
	77 · 95	77-70	73 · 66	71·53	70·70	70·20	70·33	71.95	72·95	71·70	72 · 12	71 · 82
	77 · 70	77-57	73 · 53	71·41	70·53	70·37	70·28	72.08	72·87	71·70	72 · 16	71 · 70
11	77.57	77.33	73·41	71 · 28	70·53	70·37	70·20	72·03	72 · 87	71.78	72·20	$71 \cdot 62$ $71 \cdot 53$ $71 \cdot 53$ $71 \cdot 53$ $71 \cdot 62$
12	77.28	77.20	73·45	71 · 28	70·53	70·28	70·12	72·08	72 · 95	71.87	72·32	
13	77.28	77.08	73·37	71 · 24	70·62	70·16	70·07	72·20	72 · 95	72.03	72·78	
14	76.70	76.78	73·37	71 · 12	70·53	70·12	70·03	72·08	72 · 57	72.37	73·08	
15	76.57	76.66	73·37	71 · 12	70·45	70·12	70·07	72·28	72 · 53	72.24	73·12	
16	76·41	76·45	73 · 24	71 · 20	70·37	70·12	70·28	72·37	72 · 82	72 · 20	73-41	71·53
	76·37	76·24	73 · 16	71 · 28	70·37	70·16	70·20	72·41	72 · 99	72 · 07	73-53	71·53
	76·28	76·12	73 · 12	71 · 28	70·37	70·12	70·28	72·49	72 · 66	72 · 03	73-70	71·53
	76·12	75·83	73 · 03	71 · 20	70·45	70·20	70·24	72·53	72 · 62	72 · 16	73-70	71·62
	76·12	75·49	72 · 95	71 · 28	70·45	70·16	70·45	72·62	72 · 78	71 · 95	73-57	71·70
21 22 23 24 25	76-20 76-20 76-37 76-33 76-37	75 · 53 75 · 28 75 · 20 75 · 16 74 · 95	72 · 87 72 · 87 72 · 78 72 · 70 72 · 70	71 · 28 71 · 28 71 · 37 71 · 37 71 · 16	70·41 70·37 70·41 70·33 70·20	70 · 24 70 · 12 70 · 03 70 · 07 70 · 28	70·53 71·03 71·24 71·37 71·58	72·87 72·91 72·37 72·82 72·70	$72 \cdot 66$ $72 \cdot 41$ $72 \cdot 32$ $72 \cdot 20$ $72 \cdot 20$	$71 \cdot 70$ $71 \cdot 87$ $71 \cdot 87$ $72 \cdot 16$ $72 \cdot 20$	73 · 70 73 · 53 73 · 70 73 · 70 73 · 62	71.87 71.87 71.78 71.87 71.87
26 27 28 29 30 31	76 · 20 76 · 20 76 · 33 76 · 58 76 · 70	74 · 91 74 · 95 74 · 95 75 · 12 75 · 03 75 · 03	72·58 72·41 72·24 72·16 72·08	71 · 12 71 · 16 71 · 16 71 · 12 71 · 03 71 · 03	70·37 70·37 70·37 70·42 70·28 70·20	70·33 70·20 70·20 70·20 70·32	72 · 24 72 · 12 72 · 28 72 · 28 72 · 28 72 · 37 72 · 28	72·57 72·87 72·95 73·07 73·03	72.07 71.95 71.87 71.99 71.91 71.70		73·53 73·41 73·32	71.78 71.91 72.07 72.87 73.53 73.91

ELEVATIONS above M.S.L. of Ottawa River at Lower Carillon, for 1914-15.

									Т	ABLE ?	No. 498.
1 2 3 4 5	73 · 87 73 · 87 73 · 95 73 · 95 73 · 95 73 · 82	74·37 72· 74·32 72· 74·37 72· 74·37 72· 74·53 72·	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$		69 · 82 69 · 82 69 · 87 69 · 87 69 · 74	69·28 69·20 69·12 69·12 69·12	69·45 69·49 69·53 69·66 69·62	70·32 70·28 70·49 70·78 70·95	70·12 70·03 70·03 70·12 70·12	70·16 70·12 70·41 70·45 70·37	70·62 70·62 70·57 70·43 70·41
6	73 · 66 73 · 41 73 · 12 72 · 95 72 · 66	74 · 53 72 · 74 · 66 72 · 74 · 62 72 · 74 · 70 72 · 74 · 70 72 · 74 · 70 72 · 74 · 70 72 · 74 · 70 72 · 74 · 70 72 · 74 · 70 72 · 74 · 70	37 72·29 37 72·03 28 72·03	70·53 70·45 70·45 70·37 70·37	69 · 70 69 · 62 69 · 57 69 · 53 69 · 74	69·12 69·12 69·12 69·20 69·12	69-66 69-70 69-62 69-62 69-66	71.07 70.99 71.07 70.95 71.03	70·12 70·29 70·28 70·37 70·45	70 · 24 70 · 20 70 · 07 70 · 03 69 · 97	70·37 70·29 70·14 70·03 70·03
11	$\begin{array}{c} 72 \cdot 41 \\ 72 \cdot 28 \\ 72 \cdot 28 \\ 72 \cdot 20 \\ 72 \cdot 07 \end{array}$	74·78 72· 74·91 71· 74·95 72· 74·83 71· 74·66 71·	99 71·87 99 71·87 99 71·78	70·24 70·20 70·20 70·16 70·12	69·82 69·78 69·87 69·87 69·78	69·20 69·07 69·16 69·37 69·37	69·74 69·70 69·78 69·70 69·87	70·82 70·70 70·62 70·62 70·41	70·45 70·45 70·45 70·37 70·37	69-95 69-95 69-95 69-89 69-87	69·95 69·95 69·87 69·95 69·87
16	71.95 71.95 72.07 72.24 72.62	74 · 49 71 · 74 · 45 71 · 74 · 45 71 · 74 · 28 71 · 74 · 16 71 · 74 · 16	87 71·57 78 71·49 78 71·37	70·12 70·07 70·12 70·03 70·07	69·78 69·70 69·70 69·70 69·53	69-49 69-53 69-53 69-57 69-53	69·74 69·87 70·03 70·16 70·28	70·45 70·37 70·28 70·28 70·20	70-37 70-33 70-28 70-28 70-28	69-87 69-87 69-87 69-87 69-90	69·87 69·87 69·87 69·87 69·87
21	72.99 73.16 72.28 73.20 73.28	73.99 71. 73.87 71. 73.53 71. 73.37 72. 73.28 72.	87 71·16 95 71·20 03 71·20	70·03 69·95 69·95 69·78 69·74	69·45 69·45 69·45 69·45 69·45	69·45 69·53 69·62 69·62 69·53	70·28 70·28 70·37 70·53 70·53	70·16 70·12 70·12 70·12 70·12 70·12	70·28 70·28 70·28 70·28 70·28 70·28	69-90 69-87 69-87 69-95 70-03	69·87 69·87 70·07 70·37 70·78
26. 27. 28. 29. 30.	73 · 28 73 · 62 73 · 95 74 · 20 74 · 28	73·03 72· 73·03 72· 72·95 72· 72·95 72· 72·91 72· 72·87	28 71·03 28 70·99 28 70·95	69·87 69·78 69·70 69·70 69·78 69·78	69·37 69·37 69·37 69·41 69·32	69·49 69·53 69·49 69·53 69·53 69·53	70·49 70·32 70·53 70·53 70·37	$\begin{array}{c} 70 \cdot 12 \\ 70 \cdot 12 \\ 70 \cdot 07 \\ 70 \cdot 07 \\ 70 \cdot 12 \\ 70 \cdot 20 \\ 70 \cdot 20 \end{array}$		70·36 70·70 70·70	$71 \cdot 11$ $71 \cdot 39$ $71 \cdot 41$ $71 \cdot 20$ $70 \cdot 99$ $70 \cdot 91$

 $\,$ 6 george v, a. 1916 Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1870.

TABLE No. 499. Day. April. May. July. Aug. Oct. Nov. Dec. Feb. March 70·57 70·57 70·57 70·57 70·57 70·57 $69 \cdot 74$ $69 \cdot 74$ $69 \cdot 82$ 70 · 74 70 · 57 70 · 40 70.07 69.82 6.... 69.82 70·57 70·57 70·57 69·90 69·90 69·90 69.90 69 · 82 69 · 82 10 69 - 99 70.24 69 - 82 69 · 82 69 · 74 69 · 74 69 · 74 69 · 74 70·07 70·15 70.07 70.07 70·15 70·24 $70 \cdot 07$ 70.15 69·74 69·74 69·74 69·74 70·15 70·24 70·32 70·40 $70 \cdot 24$ 70·24 70·24 70·32 19 70.57 20 70.40 $69 \cdot 65$ 70.40 70.74 70·40 70·49 70·57 70.82 70.90 70.99 69·49 69·49 69·49 70.57 70.90 69-49 70·57 70·57 70.90 69.49 70.90 69 - 49 70-82 69.49 70·57 70·57 69.49 69.49 70.57 69.49 31

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1870–71.

										T	ABLE N	To. 500.
1	63·49 63·82 70·24 70·65 71·07	77 · 90 77 · 82 77 · 65 77 · 49 77 · 40	72 · 40 · 72 · 24 72 · 24 72 · 15 71 · 99 71 · 90	70 · 15 70 · 07 70 · 07 70 · 07 63 · 99 69 · 99	69 · 65 69 · 57 69 · 57 69 · 49 69 · 49	68 · 74 68 · 74 68 · 74 68 · 74 68 · 74	68·32 68·32 68·32 68·32 68·32	69 · 49 69 · 49 69 · 57 69 · 57 69 · 65	69 · 99 69 · 90 69 · 90 69 · 90 69 · 90	69·74 69·65 69·57 69·49 69·40	69·74 69·82 69·99 70·24 70·40	69 · 74 69 · 74 69 · 74 69 · 74 69 · 65
6	71 · 49 71 · 90 72 · 32 72 · 90 73 · 49	77 · 24 77 · 07 76 · 90 76 · 74 76 · 57	71 · 82 71 · 74 71 · 74 71 · 65 71 · 65	69·99 69·99 69·99 69·99	69·49 69·40 69·40 69·40	68·74 68·74 68·74 68·74 68·74	68·40 68·32 68·32 68·24 63·24	69 · 65 69 · 74 69 · 82 69 · 99 70 · 07	69·90 69·90 69·90 69·82 69·82	69·32 69·32 69·32 69·32 69·32	70·57 70·57 70·65 70·65 70·57	69 · 65 69 · 74 69 · 82 69 · 90 70 · 07
11 12 13 14 15	74 · 15 74 · 82 75 · 15 75 · 49 75 · 82	76-40 76-24 76-07 75-90 75-57	71·57 71·57 71·49 71·49 71·40	69·90 69·90 69·90 69·90 69·90	$69 \cdot 40$ $69 \cdot 40$ $69 \cdot 32$ $69 \cdot 32$ $69 \cdot 32$	68-65 68-65 68-65 68-65	68 · 24 68 · 15 68 · 15 68 · 15 68 · 15	70·24 70·32 70·49 70·57 70·57	69·82 69·82 69·82 69·82 69·82	69·32 69·32 69·32 69·32 69·32	70·57 70·57 70·49 70·49 70·49	70·32 70·65 71·07 71·49 71·82
16. 17. 18. 19 20.	76·15 76·32 76·49 76·74 76·99	75 · 24 74 · 99 74 · 74 74 · 57 74 · 40	71 · 40 71 · 32 71 · 24 71 · 15 71 · 07	69·90 69·90 69·82 69·82 69·82	$69 \cdot 24$ $69 \cdot 24$ $69 \cdot 24$ $69 \cdot 15$ $69 \cdot 15$	68 · 65 68 · 65 68 · 65 68 · 65	$68 \cdot 07$ $68 \cdot 15$ $68 \cdot 15$ $68 \cdot 32$ $68 \cdot 40$	70 · 65 70 · 65 70 · 65 70 · 57 70 · 57	69·82 69·74 69·74 69·74 69·74	$69 \cdot 32$	70 · 49 70 · 24 70 · 40 70 · 07 69 · 90	71 · 82 71 · 82 71 · 82 71 · 82 71 · 82
21 22 23 24 25	77 · 24 77 · 40 77 · 57 77 · 74 77 · 82	74 · 15 73 · 99 73 · 74 73 · 57 73 · 32	70·99 70·90 70·82 70·74 70·65	69 · 82 69 · 82 69 · 82 69 · 82 69 · 82	69·07 69·07 68·99 68·99 68·99	68 · 65 68 · 57 68 · 49 63 · 49 68 · 40	68-49 68-57 68-57 68-65 68-82	70 · 49 70 · 49 70 · 40 70 · 32 70 · 24	69·74 69·74 69·74 69·74 69·74	$69 \cdot 32$ $69 \cdot 40$ $69 \cdot 40$ $69 \cdot 49$ $69 \cdot 49$	69 · 82 69 · 82 69 · 82 69 · 74 69 · 74	71-82 71-82 71-82 71-65 71-49
26	77-90 77-90 77-90 77-90 77-90	73 · 15 72 · 90 72 · 74 72 · 65 72 · 57 72 · 49	70·57 70·49 70·40 70·32 70·24	69 · 74 69 · 74 69 · 65 69 · 65 69 · 65	68.90 68.90 68.82 68.82 68.74	68 · 40 68 · 32 68 · 32 68 · 32 68 · 32	68 · 90 68 · 99 69 · 15 69 · 24 69 · 32 69 · 40	70·15 70·07 69·99 69·99	69 · 65 69 · 65 69 · 65 69 · 57 69 · 57 69 · 57	69·57 69·57 69·65 69·65 69·74 69·74	69·65 69·65 69·65	71·32 71·24 71·15 71·07 70·99 70·90

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1871-72.

TABLE No. 501.

	-										ADLE :	
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	70·90 70·99 70·99 71·07 71·15	75.07 75.32 75.57 75.82 76.07	73 · 99 73 · 82 73 · 90 73 · 74 73 · 57	71·57 71·49 71·40 71·32 71·15	70·24 70·15 70·15 70·15 70·07	68 · 82 68 · 82 68 · 74 68 · 74 68 · 65	67·99 67·99 67·99 67·99 67·99	68 · 82 68 · 82 68 · 82 68 · 82 68 · 82	68 · 82 68 · 82 68 · 82 68 · 74 68 · 74	68 · 65 68 · 65 68 · 65 68 · 65 68 · 65	68 · 65 68 · 65 68 · 65 68 · 65 68 · 74	69·57 69·57 69·57 69·65 69·74
6	71·32 71·49 71·65 71·82 71·99	76·24 76·32 76·40 76·49 76·49	73 · 40 73 · 32 73 · 24 73 · 15 73 · 07	71.07 70.99 70.99 70.90 70.90	70·07 70·07 69·99 69·99 69·90	68 · 65 68 · 57 68 · 49 68 · 49 68 · 40	68 · 07 68 · 07 68 · 15 68 · 15 68 · 24	68 · 82 68 · 82 68 · 82 68 · 82 68 · 82	68 · 74 68 · 65 68 · 65 68 · 65 68 · 65	68 · 65 68 · 65 68 · 65 68 · 65 68 · 65	68·74 68·74 68·82 68·82 68·90	69-90 70-07 70-07 70-07 70-24
11	72 · 15 72 · 32 72 · 49 72 · 57 72 · 65	76·40 76·32 76·24 76·15 76·07	72 · 99 72 · 90 72 · 82 72 · 74 72 · 65	70.90 70.82 70.82 70.82 70.74	69 · 90 69 · 82 69 · 74 69 · 65 69 · 57	68 · 49 68 · 32 68 · 32 68 · 24 68 · 24	68 · 24 68 · 32 68 · 32 68 · 32 68 · 40	68 · 82 68 · 82 68 · 90 68 · 90 68 · 99	68 · 65 68 · 57 68 · 57 68 · 57 68 · 57	68-65 68-65 68-65 68-65	68-90 68-90 68-82 68-82 68-82	70·40 70·57 70·57 70·57 70·40
16	72 · 74 72 · 82 72 · 82 72 · 90 72 · 99	75-99 75-82 75-74 75-57 75-49	72 · 65 72 · 65 72 · 57 72 · 49 72 · 40	70·74 70·65 70·65 70·57 70·57	69 · 57 69 · 49 69 · 40 69 · 32 68 · 32	68 · 24 68 · 15 68 · 15 68 · 15 68 · 07	$68 \cdot 40$ $68 \cdot 40$ $68 \cdot 49$ $68 \cdot 49$ $68 \cdot 49$	69 · 07 69 · 15 69 · 24 69 · 24 69 · 32	68 · 57 68 · 57 68 · 57 68 · 57 68 · 57	68 · 65 68 · 65 68 · 65 68 · 65 68 · 65	68 · 74 68 · 74 68 · 65 68 · 65	70·40 70·32 70·32 70·24 70·24
21	73 · 15 73 · 40 73 · 65 73 · 90 74 · 15	75·32 75·15 74·99 74·82 74·65	$\begin{array}{c} 72 \cdot 40 \\ 72 \cdot 32 \\ 72 \cdot 24 \\ 72 \cdot 24 \\ 72 \cdot 15 \end{array}$	70·49 70·49 70·49 70·40 70·40	$69 \cdot 24$ $69 \cdot 24$ $69 \cdot 15$ $69 \cdot 15$ $69 \cdot 07$	68 · 07 68 · 07 68 · 07 68 · 07 67 · 99	68 · 57 68 · 57 68 · 65 68 · 65	$69 \cdot 40$ $69 \cdot 40$ $69 \cdot 49$ $69 \cdot 40$ $69 \cdot 32$	68 · 57 68 · 57 68 · 57 68 · 65 68 · 65	68 · 65 68 · 65 68 · 65 68 · 65	68 · 74 68 · 74 68 · 82 68 · 82	70·15 70·15 70·15 70·07 70·07
26	74·32 74·49 74·65 74·82 74·99	74 · 57 74 · 40 74 · 32 74 · 24 74 · 15 74 · 07	72.07 71.99 71.82 71.74 71.65	70 · 40 70 · 32 70 · 32 70 · 32 70 · 24 70 · 24	69·07 68·99 68·99 68·90 68·90 68·82	67-99 67-99 67-99 68-07 68-07	68-65 68-74 68-74 68-74 68-82 68-82	69 · 24 69 · 15 69 · 07 68 · 99 68 · 90	68 · 65 68 · 65 68 · 65 68 · 65 68 · 65		69 · 07 69 · 15 69 · 32 69 · 49	70-07 69-99 69-99 69-99 69-99

ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1872-73.

									T.	ABLE N	o. 502,
1	69 · 99 70 · 07 70 · 07 70 · 07 70 · 15	72 · 24 7 72 · 57 7 72 · 82 7	1·74 71·07 1·65 70·99 1·65 70·90 1·57 70·82 1·49 70·82	70 · 07 70 · 07 70 · 07 70 · 07 70 · 07	69·24 69·15 69·15 69·15 69·07	$\begin{array}{c} 70 \cdot 24 \\ 70 \cdot 24 \\ 70 \cdot 15 \\ 70 \cdot 15 \\ 70 \cdot 24 \end{array}$	70·82 70·82 70·82 70·82 70·82	70·99 70·90 70·82 70·74 70·65	70·40 70·49 70·49 70·49 70·57	71·32 71·40 71·49 71·57 71·57	70·57 70·57 70·57 70·57 70·65
6	70 · 15 70 · 24 70 · 24 70 · 24 70 · 32	73 · 40 7 73 · 65 7 73 · 82 7	1·40 70·74 1·32 70·74 1·24 70·65 1·15 70·65 1·07 70·65	69-90 69-90 69-90 69-82 69-74	69 · 07 69 · 15 69 · 15 69 · 24 69 · 24	70·32 70·49 70·65 70·90 70·99	70 · 82 70 · 74 70 · 74 70 · 74 70 · 74	70 · 65 70 · 65 70 · 57 70 · 57 70 · 57	70 · 57 70 · 57 70 · 65 70 · 65 70 · 65	71 · 49 71 · 40 71 · 32 71 · 24 71 · 15	70.65 70.65 70.65 70.65 70.65
11	70 · 32 70 · 40 70 · 57 70 · 74 70 · 90	74 · 40 7: 74 · 65 7: 74 · 90 7:	3 · 99 70 · 57 3 · 82 70 · 57 3 · 74 70 · 49 3 · 65 70 · 49 3 · 40 70 · 49	69 · 65 69 · 57 69 · 49 69 · 40 69 · 40	69 · 32 69 · 32 69 · 40 69 · 40 69 · 49	70 · 99 70 · 90 70 · 90 70 · 82 70 · 82	70 · 65 70 · 65 70 · 65 70 · 65 70 · 65	70·57 70·57 70·57 70·57 70·49	70 · 65 70 · 65 70 · 74 70 · 74 70 · 74	71.07 70.99 70.90 70.90 70.82	70 · 65 70 · 65 70 · 65 70 · 74 70 · 74
16	71.07 71.24 71.15 71.07 70.99	75·40 7: 75·57 7: 75·49 7:	3 · 40 70 · 40 3 · 32 70 · 40 3 · 24 70 · 40 2 · 99 70 · 32 2 · 82 70 · 32	69·32 69·32 69·32 69·24 69·24	69 · 49 69 · 57 69 · 74 69 · 90 70 · 07	70 · 74 70 · 74 70 · 65 70 · 65 70 · 74	70 · 65 70 · 65 70 · 65 70 · 65 70 · 65	$70 \cdot 49$	70-82 70-82 70-90 70-90 70-90	70 · 82 70 · 82 70 · 82 70 · 82 70 · 74	70·74 70·74 70·74 70·74 70·74
21	71 · 07 71 · 15 71 · 24 71 · 32 71 · 49	75·24 7: 75·15 7: 75·07 7:	2·65 70·32 2·49 70·24 2·24 70·24 2·07 70·24 1·90 70·15	69 · 24 69 · 24 69 · 32 69 · 40 69 · 57	$70 \cdot 24$ $70 \cdot 32$ $70 \cdot 32$ $70 \cdot 32$ $70 \cdot 32$	70.82 70.82 70.90 70.90 70.99	$70 \cdot 57$ $70 \cdot 57$ $70 \cdot 65$ $70 \cdot 74$ $70 \cdot 82$	70 · 49 70 · 49 70 · 40 70 · 40 70 · 40	70 · 99 70 · 99 70 · 99 70 · 99 71 · 07	70·74 70·74 70·65 70·65 70·65	70·74 70·74 70·74 70·74 70·74 70·74
26	71.57 71.74 71.82 71.99 72.07	74 · 82 7: 74 · 82 7: 74 · 74 7:	1·74 70·15 ·57 70·15 ·49 70·15 ·32 70·07 ·15 70·07	69·57 69·49 69·32 69·24 69·24 69·24	70·32 70·32 70·32 70·32 70·32 70·32	70·99 70·90 70·90 70·90 70·82 70·82	70 · 90 70 · 90 70 · 99 70 · 99 71 · 07 71 · 07	$70 \cdot 40 \\ 70 \cdot 40$	71.24	70·65 70·65 70·57	70·74 70·82 70·82 70·82 70·82 70·83 70·83

6 GEORGE V, A. 1916 ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1873–74.

										17	ABLE N	o. 503.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oet.	Nov.	Dec.	Jan.	Feb.	March
1	70 · 90 71 · 07 71 · 24 71 · 40 71 · 40	74 · 07 74 · 15 74 · 24 74 · 32 74 · 49	77.57 77.57 77.57 77.57 77.49	73 · 24 73 · 07 72 · 90 72 · 74 72 · 57	70·74 70·65 70·65 70·57 70·57	69·32 69·32 69·24 69·24 69·24	69 · 49 69 · 57 69 · 82 70 · 07 70 · 32	71·32 71·32 71·24 71·24 71·15	70 · 24 70 · 24 70 · 24 70 · 32 70 · 40	69·99 69·99 69·90 69·90	70·57 70·57 70·57 70·57 70·57	69 · 8 69 · 9 69 · 9 70 · 0
6	71 · 49 71 · 49 71 · 57 71 · 57 71 · 90	74 · 65 74 · 82 74 · 99 75 · 15 75 · 32	77 · 40 77 · 24 77 · 07 76 · 90 76 · 65	72 · 40 72 · 24 72 · 15 72 · 07 71 · 99	70·49 70·49 70·40 70·40 70·32	69 · 24 69 · 15 69 · 15 69 · 15 69 · 15	70 · 57 70 · 74 70 · 82 70 · 90 70 · 90	71·15 71·07 71·07 71·07 70·99	70·40 70·40 70·40 70·40 70·32	69·99 69·99 70·07 70·07	70 · 49 70 · 49 70 · 49 70 · 49 70 · 40	70-1 70-1 70-2 70-3 70-4
1	72·24 72·57 72·99 73·32 73·65	75·49 75·65 75·90 76·15 76·49	76·49 76·24 75·99 75·74 75·57	71 · 82 71 · 74 71 · 57 71 · 49 71 · 40	70 · 24 70 · 24 70 · 15 70 · 07 70 · 07	69 · 07 69 · 07 69 · 07 69 · 07 69 · 07	70 · 99 70 · 99 71 · 07 71 · 07 71 · 07	70 · 90 70 · 90 70 · 82 70 · 82 70 · 74	70·32 70·32 70·32 70·32 70·32	70 · 07 70 · 07 70 · 15 70 · 15 70 · 24	70·40 70·32 70·32 70·24 70·24	70 70 70 70 70
16	73 · 99 74 · 40 74 · 49 74 · 65 74 · 65	76 · 82 76 · 99 77 · 07 77 · 15 77 · 24	75·32 75·07 74·90 74·65 74·49	71·40 71·32 71·32 71·24 71·24	69 · 99 69 · 90 69 · 82 69 · 82 69 · 74	69 · 07 69 · 07 69 · 07 68 · 99 68 · 99	71·15 71·15 71·15 71·15 71·15	70 · 74 70 · 65 70 · 65 70 · 57 70 · 57	70·32 70·24 70·24 70·24 70·24	70·24 70·24 70·32 70·32 70·40	70·15 70·07 69·99 69·90 69·90	70- 70- 70- 70- 70-
21	74 · 65 74 · 57 74 · 57 74 · 49 74 · 40	77-15 77-05 76-99 77-07 77-07	74 · 32 74 · 15 73 · 99 73 · 90 73 · 74	71·15 71·15 71·07 71·07 70·99	69 · 74 69 · 65 69 · 65 69 · 57	68·99 68·99 69·07 69·15 69·24	71 · 24 71 · 24 71 · 24 71 · 24 71 · 32	70·57 70·49 70·49 70·40 70·40	70 · 15 70 · 15 70 · 15 70 · 15 70 · 15 70 · 07	70·40 70·40 70·49 70·49 70·49	69 · 82 69 · 74 69 · 65 69 · 65 69 · 74	71 · 70 · 70 · 70 · 70 · 70 ·
26	74·32 74·24 74·15 74·07	77 · 15 77 · 15 77 · 24 77 · 24 77 · 32 77 · 40	73 · 65 73 · 57 73 · 49 73 · 40 73 · 32	70·99 70·90 70·90 70·82 70·82 70·74	69·49 69·40 69·40 69·32 69·32	69 · 24 69 · 32 69 · 32 69 · 40 69 · 40	71·32 71·32 71·32 71·32 71·32 71·32	70·32 70·32 70·32 70·24 70·24	70·07 70·07 70·07 70·07 69·99 69·99	70·57 70·57 70·57 70·57 70·57 70·57 70·57	69·82 69·82	70- 70- 70- 70- 70- 70-

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1874–75.

ELEVATIO	110 200	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	u. 01 01		· · · · · · ·	и ср	per se		,	10.1	
									T.	BLE N	o. 504.
1	70·57 70·49 70·40 70·40 70·32	70 · 99 75 70 · 90 75 70 · 82 75	99 74·57 90 74·24 90 73·99 82 73·74 82 73·65	70 · 65 70 · 57 70 · 57 70 · 49 70 · 40	68 · 99 68 · 99 68 · 90 68 · 90 68 · 82	68·32 68·24 68·24 68·24 68·24	68 · 40 68 · 40 68 · 40 68 · 40 68 · 40	68 · 57 68 · 65 68 · 65 68 · 65 68 · 65	69·32 69·32 69·07 68·99 69·15	69·07 68·90 68·74 68·57 68·74	70 · 99 70 · 65 70 · 99 70 · 57 70 · 57
6	70 · 24 70 · 15 70 · 07 69 · 99 69 · 99		74 73 - 40	70.32	68 · 82 68 · 82 68 · 74 68 · 74 68 · 74	$68 \cdot 32$ $68 \cdot 32$ $68 \cdot 40$ $68 \cdot 49$ $68 \cdot 49$	68 · 40 68 · 40 68 · 40 68 · 40 68 · 40	68 · 74 68 · 74 68 · 74 68 · 74 68 · 74	68 · 99 68 · 90 68 · 74 68 · 65 68 · 65	68 · 90 69 · 07 69 · 32 69 · 65 70 · 07	70 · 99 71 · 07 71 · 15 70 · 99 70 · 90
11	69 · 99 70 · 07 70 · 15 70 · 24 70 · 40	72 · 24 75 72 · 49 75 72 · 74 75	40 72 · 90 32 72 · 74 24 72 · 65 15 72 · 49 07 72 · 40	69·99 69·90 69·82	68 · 65 68 · 65 68 · 57 68 · 58 68 · 49	68 · 40 68 · 40 68 · 40 68 · 40 68 · 40	68 · 49 68 · 49 68 · 49 68 · 49 68 · 49	68 · 82 68 · 82 68 · 82 68 · 82 68 · 82	68 · 74 68 · 65 68 · 74 68 · 82 68 · 82	70 · 40 70 · 57 70 · 65 70 · 99 71 · 07	70 · 65 70 · 57 70 · 07 69 · 99 69 · 82
16 17 18 19 20	70·57 70·65 70·65 70·74 70·82	73 · 65 74 74 · 07 74 74 · 40 74	99 72·24 90 72·15 82 71·99 74 71·90 74 71·74	69-65 69-65 69-57 69-57 69-49	68-57 68-49 68-49 68-49 68-49	68 · 49 68 · 32 68 · 32 68 · 32 68 · 32	68 · 49 68 · 49 68 · 57 68 · 57 68 · 57	68-90 68-90 68-90 68-90 68-90	68 · 74 68 · 82 68 · 90 68 · 99 69 · 15	71.07 70.99 71.07 71.07 71.15	69 · 74 69 · 74 69 · 74 69 · 82 69 · 82
21	$\begin{array}{c} 70 \cdot 90 \\ 70 \cdot 99 \\ 71 \cdot 07 \\ 71 \cdot 15 \\ 71 \cdot 24 \end{array}$	75·24 74 75·49 74 75·65 74	82 71·57 82 71·49 90 71·32 99 71·24 05 71·07	69.40	68 · 40 68 · 40 68 · 40 68 · 40 68 · 32	68·32 68·32 68·32 68·32 68·32	68 · 57 68 · 57 68 · 57 68 · 57 68 · 57	68 · 99 68 · 99 68 · 99 68 · 99 68 · 74	69 · 24 69 · 07 68 · 99 68 · 90 68 · 99	71.07 71.15 71.07 71.07 70.90	69 · 90 70 · 07 69 · 90 69 · 99 69 · 99
26	71-49	75-99 75 75-99 75 75-90 74 75-90 74	· 15	69 · 15 69 · 15 69 · 07 69 · 07	68·32 68·32 68·32 68·32 68·32	68·32 68·32 68·32 68·32 68·32	68·57 68·57 68·57 68·57 68·57	68 · 65 68 · 57 68 · 57 68 · 57 68 · 57 68 · 57	$68 \cdot 90$ $68 \cdot 99$ $69 \cdot 07$ $69 \cdot 15$ $69 \cdot 24$ $69 \cdot 15$	70 · 90 70 · 74 70 · 65	69·90 69·82 69·74 69·57 69·57 69·65

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1875-76.

ABLE No

							-				-	
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1		72 · 99 72 · 82 72 · 65 73 · 74 73 · 99	76 · 90 76 · 74 76 · 57 75 · 24 76 · 07	72·90 72·74 72·65 72·57 72·49	71·57 71·45 71·40 71·32 71·15	70 · 65 70 · 57 70 · 49 70 · 40 70 · 40	69·90 69·90 69·99 70·07	70·65 70·65 70·65 70·65 70·65	70 · 90 70 · 65 70 · 65 70 · 65 70 · 57	70·15 70·24 70·32 70·57 70·74	71·32 71·32 71·32 71·32 71·49	71·32· 71·32· 71·32· 71·32· 71·49
6		73 · 90 74 · 24 74 · 57 74 · 74 74 · 90	75·90 75·65 75·40 75·24 75·07	72 · 40 72 · 40 72 · 40 72 · 32 72 · 24	70·99 71·07 70·99 70·90 70·90	70 · 40 70 · 32 70 · 24 70 · 24 70 · 32	70·07 70·24 70·07 70·07 70·07	70 · 74 70 · 74 70 · 82 70 · 82 70 · 90	70·57 70·57 70·57 70·57 70·49	70 · 74 70 · 74 70 · 74 70 · 82 70 · 74	71 · 65 71 · 57 71 · 40 71 · 32 71 · 49	71 · 65 71 · 57 71 · 40 71 · 32 71 · 49
11		75.65 75.99 76.49 76.90 77.32	74 · 82 74 · 65 74 · 40 74 · 40 74 · 15	72·15 72·07 71·90 71·82 71·82	70·82 70·74 70·74 70·82 70·82	70·32 70·24 70·24 70·24 70·24	70·15 70·15 70·15 70·24 70·24	70 · 99 70 · 82 70 · 82 70 · 82 70 · 74	70 · 40 70 · 40 70 · 40 70 · 32 70 · 24	70 · 90 71 · 49 71 · 57 71 · 49 71 · 40	71 · 57 71 · 49 71 · 57 71 · 65 71 · 82	71.57 71.49 71.57 71.65 71.82
16		77-65 78-07 78-40 78-57 78-74	73 · 90 73 · 90 73 · 82 73 · 82 73 · 57	71 · 82 71 · 82 71 · 74 71 · 65 71 · 65	70 · 74 70 · 99 71 · 24 71 · 24 71 · 24	70 · 24 70 · 49 70 · 40 70 · 32 70 · 32	70 · 40 70 · 40 70 · 49 70 · 49 70 · 49	70 · 74 70 · 99 70 · 90 70 · 99 70 · 65	70 · 32 70 · 57 70 · 49 70 · 40 70 · 49	71 · 24 71 · 15 71 · 15 71 · 15 71 · 32	71 · 65 71 · 65 71 · 65 71 · 65 71 · 74	71 · 65 71 · 65 71 · 65 71 · 65 71 · 74
21 22 23 24 25		78 · 74 78 · 65 78 · 40 78 · 24 78 · 15	73·49 73·32 73·24 73·07 73·07	71 · 57 71 · 49 71 · 49 71 · 49 71 · 49	71 · 24 71 · 24 71 · 15 71 · 15 71 · 07	70 · 32 · 70 · 24 70 · 24 70 · 15 70 · 07	70·40 70·49 70·49 70·49 70·49	70 · 74 70 · 65 70 · 57 70 · 57 70 · 57	70·57 70·65 70·40 70·32 70·32	71·32 71·32 71·32 71·40 71·49	71·74 71·65 71·74 71·82 71·99	71·74 71·65 71·74 71·82 71·99
26		78·07 77·90 77·74 77·74 77·49 77·32	72 · 90 72 · 99 72 · 90 72 · 90 72 · 90 72 · 90	71·57 71·49 71·49 71·57 71·65 71·57	71.07 70.99 70.99 70.90 70.82 70.74	69-99 69-99 69-99 69-82 69-90	70 · 24 70 · 49 79 · 49 70 · 49 70 · 49 70 · 65	70·57 70·57 70·57 70·57 70·57	70 · 40 70 · 49 70 · 40 70 · 32 70 · 32 70 · 32	71 · 40 71 · 40 71 · 49 71 · 49 71 · 40 71 · 32	72·33 72·49 72·49 72·32	$\begin{array}{c} 72 \cdot 32 \\ 72 \cdot 49 \\ 72 \cdot 49 \\ 72 \cdot 32 \\ 72 \cdot 24 \\ 72 \cdot 15 \end{array}$

ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1876-77.

	2110 000			01 01		arrer ac ep	perbe	C. 21111	,	BLE No	
1	72·07 71·99 71·90 71·82 71·82	76 · 82 76 · 49 76 · 49 76 · 57 76 · 74	78 · 99 78 · 74 78 · 57 78 · 24 78 · 07	74 · 99 74 · 90 74 · 74 74 · 49 74 · 40	71 · 65 71 · 57 71 · 49 71 · 40 71 · 49	70 · 07 70 · 07 70 · 07 70 · 07 69 · 99 69 · 99	70·15 70·32 70·49 70·49 70·49	70-90 70-99 70-82 70-65 70-57	70·74 70·57 70·57 70·57 70·74	70·57 70·40 70·15 70·07 69·90	69·74 69·74 69·74 69·74 69·65
6	71 · 82 71 · 90 72 07 72 · 15 72 · 07	77 · 40 77 · 59 77 · 99 78 · 32 78 · 82	77 · 82 77 · 49 77 · 24 77 · 07 76 · 82	74·32 74·32 74·32 74·40 74·32	71·32 71·32 71·32 71·24 71·15	69·74 69·74 69·74 69·74 69·74	70 · 49 70 · 57 70 · 65 70 · 74 70 · 82	70·57 70·57 70·49 70·49 70·57	70·90 70·90 70·99 70·90 70·74	69 · 82 69 · 82 69 · 74 69 · 74 69 · 74	69-65 69-65 69-65 69-57
11	$\begin{array}{c} 72\cdot07 \\ 72\cdot07 \\ 72\cdot15 \\ 72\cdot40 \\ 72\cdot90 \end{array}$	79·32 79·82 80·15 80·40 80·74	$\begin{array}{c} 76 \cdot 74 \\ 76 \cdot 65 \\ 76 \cdot 49 \\ 76 \cdot 49 \\ 76 \cdot 49 \end{array}$	$74 \cdot 24 \\ 74 \cdot 15 \\ 73 \cdot 90 \\ 73 \cdot 82 \\ 73 \cdot 65$	71·15 71·07 70·99 70·90 70·82	69 · 65 69 · 57 69 · 65 69 · 65 69 · 49	70·82 70·99 71·07 71·15 71·07	70·74 70·74 70·65 7·49 70·49	70·65 70·49 70·40 70·49 70·32	69·74 69·65 69·65 69·57 69·57	69·57 69·57 69·65 69·65
16 17 18 19 20	73·57 74·07 74·32 74·57 74·57	80·74 80·74 80·74 80·74 80·74	76 · 49 76 · 57 76 · 57 76 · 49 76 · 49	73·57 73·32 73·15 72·90 72·82	70·82 70·74 70·65 70·49 70·49	69·57 69·65 69·49 69·65 69·65	71.07 71.07 71.15 71.07 71.07	70·49 70·57 70·57 70·57 70·49	70·40 70·57 70·57 70·57 70·74	69 · 82 69 · 74 69 · 65 69 · 65 69 · 74	69-65 69-65 69-65 69-65
21 22 23 24 25	74 · 57 74 · 82 75 · 15 75 · 32 75 · 49	80·57 80·49 80·40 80·32 80·32	$76 \cdot 49$ $76 \cdot 40$ $76 \cdot 32$ $76 \cdot 15$ $75 \cdot 99$	72 · 65 72 · 57 72 · 57 72 · 40 72 · 40	70·57 70·49 70·40 70·40 70·32	69·57 69·57 69·57 69·57 69·57	71 · 07 71 · 07 70 · 99 71 · 07 70 · 90	70·57 70·57 70·57 70·49 70·57	70 · 65 70 · 49 70 · 40 70 · 40 70 · 49	69-90 69-90 69-82 69-82 69-82	69·57 69·57 69·57 69·57 69·65
26. 27. 28. 29. 30.	76-24	80·07 79·90 79·74 79·74 79·40 79·24	75·90 75·65 75·49 75·32 75·32	72·24 72·15 71·99 71·99 71·90 71·83	70·24 70·32 70·32 70·07 70·07 70·07	69-65 69-65 69-65 69-70 69-70	70·99 70·90 70·90 70·99 70·99	70-57 70-65 70-82 70-82 70-82 70-82	70·57 70·74 70·74 70·74 70·65 70·57	69·74 69·74 69·74	69 · 74 69 · 82 69 · 90 69 · 99 70 · 07 70 · 07

6 GEORGE V, A. 1916

70.90

ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1877-78. TABLE No. 507.

April. May. June. July. Aug. Sept. Oct Nov. Dec Ion Feb. March. Day. $72 \cdot 40$ $72 \cdot 32$ $72 \cdot 32$ 71 · 65 71 · 65 71 · 65 71 · 65 71 · 65 71 · 65 70.90 73.82 $71 \cdot 24$ 70.57 69.99 69-15 69.82 $70 \cdot 15$ 69.57 $70 \cdot 15$ 70 · 24 70 · 24 70.15 $71 \cdot 24$ $71 \cdot 24$ 70·57 70·57 70·57 69 · 15 69 · 15 69.90 70.90 70.90 70.74 69.57 69.90 69.99 70.90 69.82 60.24 70.07 70.24 70.15 69 - 65 70.4969-32 71 · 90 71 · 82 71 · 74 71 · 74 71 · 24 71 · 24 71 · 24 71 · 24 70·57 70·57 $70 \cdot 40$ $70 \cdot 32$ $70 \cdot 32$ 69.32 70 · 24 70 · 32 70 · 24 71 · 65 71 · 65 71 · 65 69·57 69·57 69·57 69.74 69.90 73 · 57 73 · 40 73 · 32 71 · 24 71 · 49 71 · 49 69.82 $69 \cdot 32$ 69.90 70.49 69.32 70·57 70·57 69.40 70.49 $71 \cdot 65$ $71 \cdot 24$ 69.82 69.49 70.65 $71 \cdot 99$ 69.82 $70 \cdot 24$ 70·32 70·32 70·24 70·15 71.57 71.57 71.74 71.74 71 · 65 71 · 57 71 · 57 71 · 57 73.07 $71 \cdot 15 \\ 71 \cdot 15$ 69·74 69·74 70·74 70·74 70·65 70·57 70·57 70·57 70·40 70·57 70·65 72.99 72.99 72.90 72.74 69 - 65 71·74 71·49 71·57 69·82 69·82 70.99 70.90 69-65 69 - 65 70.57 69 - 65 69 - 65 70.90 70.07 69.65 71.74 71 · 74 71 · 82 71 · 82 71 · 82 70·07 70·07 70·07 69·74 69·74 69·57 70·57 70·57 70·74 70·90 72·57 72·57 72·49 71.57 71.49 71.49 70.90 70.90 70.90 69.57 70.57 70.57 69.82 70.57 70·57 70·57 69 - 49 69-90 69-49 69.90 70 · 65 70 · 74 71.49 $72 \cdot 40$ $72 \cdot 40$ 70.90 $70 \cdot 15$ $70 \cdot 24$ 69-40 69 - 99 60.65 71.49 70.90 69-32 70.07 70.82 70.65 69.65 71 · 32 71 · 32 71 · 32 71 · 15 72 · 49 72 · 65 72 · 82 72 · 90 $\begin{array}{c} 72 \cdot 40 \\ 72 \cdot 65 \\ 72 \cdot 65 \\ 72 \cdot 65 \end{array}$ 71·49 71·40 71·40 71·40 70.90 70.15 70-49 69-65 $70 \cdot 24$ 70.82 70·74 70·74 70·74 70 · 15 70 · 15 70 · 15 70.82 70.74 70.65 70 · 24 70 · 24 70 · 15 69 · 32 69 · 15 $70.90 \\ 70.99$ $70 \cdot 57 \\ 70 \cdot 49$ 69 - 65 69 - 65 69.07 70.32 70.49 73 · 15 73 · 40 73 · 49 73 · 57 73 · 57 72 · 65 72 · 65 72 · 57 72 · 57 72 · 57 72 · 57 71.40 70.07 69.07 70.24 $71 \cdot 32 \\ 71 \cdot 40$ 70.32 69.57 70.65 71 · 40 71 · 32 70 · 65 70 · 74 69.07 70·15 70·15 70·15 71.07 71.07 71.07 70.90 70.90 70·24 70·24 70·24 69·57 69·57 70·57 70·40 70.07 69·99 69·99 69·07 69·15 71.57 71.65 71.65 70.40 70.65 69.99 70·15 70·15 70-65 69-15 30

ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1878-79.

69.99

70.65

72.40

TABLE No. 508. 72 · 82 72 · 82 72 · 82 73 · 24 72 · 90 71.57 71.57 71.57 71.57 73 · 65 73 · 74 73 · 40 73 · 40 73 · 40 73 · 40 $\begin{array}{c} 72 \cdot 90 \\ 73 \cdot 07 \\ 73 \cdot 07 \\ 73 \cdot 15 \\ 73 \cdot 15 \end{array}$ $73 \cdot 15$ $73 \cdot 15$ $73 \cdot 15$ $72 \cdot 15$ $\begin{array}{c} 71 \cdot 49 \\ 71 \cdot 49 \\ 71 \cdot 49 \\ 71 \cdot 40 \\ 71 \cdot 24 \end{array}$ $70 \cdot 65$ $70 \cdot 65$ $70 \cdot 65$ $72 \cdot 82$ $72 \cdot 82$ $72 \cdot 82$ 70.49 70·32 70·15 71.07 71.0770.49 70 · 49 70 · 49 70·07 70·07 71 · 07 71 · 07 71 · 07 70.65 70.74 71-65 70.07 71 · 07 71 · 07 71 · 07 71 · 07 71 · 07 71 · 07 73 · 40 73 · 40 73 · 24 73 · 07 72 · 99 73 · 15 73 · 07 72 · 82 72 · 74 72 · 74 71.74 71.57 71.82 71.07 70.90 71.07 70.90 70.82 72.99 $71 \cdot 65$ $70 \cdot 49$ 70.07 70.07 70.07 70.90 71.07 70.4970-49 70.99 $73 \cdot 49$ $72 \cdot 40$ 69-90 70.90 70.99 71.07 71.07 71.07 70 · 74 70 · 74 70 · 74 70 · 74 72·90 72·82 72·82 72·82 72·82 72·82 71.40 70 - 49 69.82 71-07 72.90 73.90 73.90 $73 \cdot 49$ $72 \cdot 40$ 71 · 32 71 · 24 71 · 24 71 · 24 71 · 15 70.99 70.99 71.07 71.07 71-90 71-65 72.40 70-49 70-57 70-57 69·82 69·74 69·74 73.65 $72 \cdot 24$ $72 \cdot 15$ $72 \cdot 07$ 72·32 72·32 72·49 72·49 72·49 71·15 71·24 71·40 71·57 71·82 $\begin{array}{c} 72 \cdot 07 \\ 71 \cdot 99 \\ 71 \cdot 99 \\ 71 \cdot 90 \\ 71 \cdot 82 \end{array}$ 71.07 71.07 71.07 71.07 71.07 71.07 70.65 70.65 70.74 70.74 70.82 73 - 90 71-65 70.57 16.... 17.... 19.... 73.74 69.74 69.82 $73 \cdot 65$ $73 \cdot 57$ $73 \cdot 32$ 73-90 71.82 71.99 72.07 72.40 72 · 49 72 · 49 72 · 49 72 · 49 71 · 74 71 · 65 71 · 65 71 · 65 70-99 70-90 70-82 70.82 70.74 70.65 70·24 70·49 70·82 71.40 24 25 72-40 71.07 $70 \cdot 40$ 72-49 70.65 70.49 $71 \cdot 49 \\ 71 \cdot 40$ 70.65 70.74 70.74 70.57 70·40 70·32 73·15 72·90 72·74 72·74 73 · 07 73 · 24 73 · 40 73 · 24 73 · 40 73.40 30 31....

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1879–80.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March .
1	70·57 70·57 70·65 70·65 70·57	75·07 75·24 75·40 75·57 75·90	76·15 75·90 75·74 75·65 75·57	72·74 72·65 72·57 72·57 72·40	72·07 71·90 71·82 71·74 71·65	70·32 70·24 70·24 70·24 70·24	70·40 70·40 70·40 70·40 70·40	69·74 69·65 69·57 69·57	70 · 07 70 · 15 70 · 24 70 · 24 70 · 24	71.65 71.65 71.57 71.57 71.57	71·07 71·15 71·24 71·32 71·40	71·07 71·32 71·65 71·32 71·40
6	70·57 70·57 70·57 7·57 70·65	76·15 76·24 76·40 76·40 76·49	74 · 99 74 · 90 74 · 90 74 · 74 74 · 65	$72 \cdot 24$ $72 \cdot 15$	71 · 65 71 · 40 71 · 32 71 · 24 71 · 15	70·32 70·32 70·32 70·32 70·32	70·32 70·24 70·24 70·15 70·07	69·57 69·57 69·49 69·49	70·32 70·32 70·57 70·65 70·24	71 · 49 71 · 40 71 · 40 71 · 49 71 · 40	71 · 07 71 · 07 71 · 15 71 · 24 71 · 32	71·40 71·40 71·40 71·32 71·32
11 12 13 14 15	70·74 70·90 71·24 71·40 71·57	76 · 49 76 · 57 76 · 57 76 · 57 76 · 65	74·49 74·40 74·32 73·65 74·07	72.07 72.07 72.07 72.07 72.07 72.07	71.07 70.99 70.96 70.96 70.90	70·32 70·24 70·24 70·24 70·24	70·07 70·07 70·07 70·07 70·07	69·49 69·49 69·57 69·57	70 · 24 70 · 90 71 · 07 71 · 15 71 · 15	71 · 32 71 · 32 71 · 32 71 · 40 71 · 40	71 · 49 71 · 57 71 · 24 71 · 15 71 · 07	71.57 71.57 71.57 71.57 71.57
16	72·07 72·40 72·57 72·74 73·07	76-90 77-24 77-74 78-07 78-24	73 · 90 73 · 90 73 · 82 73 · 82 73 · 57	72·07 72·07 72·07 72·07 72·07 72·07	70 · 82 70 · 82 70 · 82 70 · 82 70 · 74	70 · 24 70 · 32 70 · 40 70 · 40 70 · 49	70 · 07 70 · 07 70 · 07 70 · 07 70 · 07	69·57 69·74 69·74 69·74 69·74	71 · 24 71 · 32 71 · 32 71 · 32 71 · 32	71·40 71·24 71·15 71·07 70·90	70 · 99 70 · 82 70 · 74 71 · 07 71 · 24	71.57 71.57 71.57 71.32 71.07
21	73·32 73·32 73·40 73·49 73·49	78-40 78-49 78-49 78-15 77-90	73 · 57 73 · 57 73 · 57 73 · 49 73 · 24	72 · 07 72 · 07 72 · 07 72 · 07 72 · 07	70·74 70·74 70·65 70·57 70·57	70·49 70·49 70·49 70·57 70·57	70·07 69·99 69·99 70·07 69·90	69·82 69·99 69·99 70·07 69·90	71·32 71·32 71·40 71·49 71·57	$70 \cdot 99$ $71 \cdot 07$ $71 \cdot 24$ $71 \cdot 24$ $71 \cdot 24$	71 · 32 71 · 32 71 · 24 71 · 07 71 · 07	70·99 70·90 7·90 70·90 70·90
26 27 28 29 30 31	73 · 57 74 · 07 74 · 07 74 · 07 74 · 49	77·57 76·90 77·07 76·90 76·57 76·40	73 · 24 73 · 24 73 · 24 73 · 07 72 · 90	72·07 72·07 72·07 72·07 72·07 72·07	70·57 70·57 70·57 70·57 70·57 70·57	70-57 70-57 70-57 70-49 70-49	69·82 69·82 69·82 69·82 69·82 69·82	69 · 90 69 · 90 69 · 90 69 · 90	71 · 82 71 · 82 71 · 82 71 · 82 71 · 65 71 · 65	71·24 71·07 71·07 71·07 71·07 71·07	71·15 71·15 70·90 70·90	70·90 70·90 70·65 70·65 70·57 70·57

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1880–81.

									T.	BLE N	510.
1 2 3 4 5	70·65 70·74 70·99 72·57 72·90	75.65 76 75.65 76 75.65 76	5-99 73-82 5-82 73-57 5-74 73-49 5-57 73-32 5-49 73-15	71 · 90 71 · 82 71 · 74 71 · 74 71 · 74	70 · 49 70 · 49 70 · 49 70 · 49 70 · 49	69-90 69-90 69-90 69-99	71.07 71.07 71.07 71.07 71.07	71 · 82 71 · 82 71 · 82 71 · 82 71 · 82 71 · 82	71 · 40 71 · 32 71 · 24 71 · 15 71 · 07	70-82 70-90 71-07 71-32 71-40	70·49 70·49 70·57 70·57 70·40
6 7 8 9	73·07 73·74 73·74 73·65 73·65	75.90 76 76.07 76 76.15 75	5-32 73-15 5-24 73-07 5-07 72-99 5-99 72-90 5-90 72-74	71 · 74 71 · 74 71 · 65 71 · 57 71 · 40	70·49 70·49 70·49 70·49 70·49	70·15 70·32 70·40 70·49 70·15	71·07 71·15 71·24 71·32 71·57	71 · 82 71 · 74 71 · 57 71 · 57 71 · 57	71.07 71.07 71.07 71.07 71.07 71.07	71 · 24 71 · 07 70 · 90 70 · 57 70 · 57	70·40 70·40 70·40 70·40 70·40
11	73 · 57 73 · 57 73 · 49 73 · 49 73 · 40	76 · 90 73 77 · 07 73 77 · 32 73	5 · 90	71 · 24 71 · 24 71 · 15 71 · 15 71 · 07	70 · 49 70 · 49 70 · 57 70 · 57 70 · 49	70·49 70·65 70·74 70·74 70·74	72·07 72·32 72·57 72·82 73·07	71·57 71·40 71·24 71·07 71·07	70 · 99 70 · 99 71 · 07 70 · 90 70 · 90	70 · 40 70 · 40 70 · 40 70 · 49 70 · 40	70·40 70·32 70·32 70·32 70·49
16 17 18 19 20	73 · 32 73 · 32 73 · 32 73 · 74 73 · 82	77 · 74 7: 77 · 82 7: 77 · 90 7:	5-65 72-32 5-49 72-15 5-32 72-07 5-24 71-99 5-15 71-99	70 · 99 70 · 99 70 · 90 70 · 74 70 · 74	70·49 70·24 70·24 70·24 70·24	70 · 74 70 · 74 70 · 74 70 · 74 70 · 82	72 · 24 73 · 24 73 · 24 73 · 07 72 · 90	71.07 71.07 71.07 71.15 71.24	70 · 90 70 · 99 70 · 99 70 · 99 70 · 99	70 · 32 70 · 40 70 · 32 70 · 24 70 · 24	70 · 49 70 · 57 70 · 74 71 · 40 71 · 40
21 22 23 24 25	73 · 90 74 · 07 74 · 24 74 · 49 74 · 57	77 · 74 7 7 7 7 65 7 7 7 57 7 7	1.99 71.99 1.65 71.99 1.57 71.99 1.49 71.99 1.40 71.99	70 · 74 70 · 74 70 · 74 70 · 74 70 · 74 70 · 74	$\begin{array}{c} 70 \cdot 24 \\ 70 \cdot 24 \\ 70 \cdot 15 \\ 69 \cdot 99 \\ 69 \cdot 99 \end{array}$	70 · 90 70 · 90 70 · 90 70 · 90 70 · 90	$\begin{array}{c} 72 \cdot 90 \\ 72 \cdot 90 \\ 73 \cdot 07 \\ 73 \cdot 24 \\ 73 \cdot 32 \end{array}$	71·32 71·32 71·32 71·32 71·32	70 · 90 70 · 90 70 · 90 70 · 90 70 · 82	70 · 24 70 · 24 70 · 24 70 · 32 70 · 49	71 · 57 71 · 57 72 · 40 73 · 07 73 · 07
26	74.65 74.99 75.15 75.32 75.32	77 · 32 7 7 7 7 24 7 7 7 · 15 7 7	1·24 71·90 1·07 71·90 3·99 71·90 3·99 71·90 3·99 71·90 71·90	70·57 70·57 70·57 70·57 70·49 70·49	69·99 69·99 69·99 69·99	70 · 90 70 · 99 70 · 99 71 · 07 71 · 07 71 · 07	72 · 90 72 · 24 71 · 99 71 · 99 71 · 82	71·32 71·24 71·15 71·24 71·32 71·49	70 · 82 70 · 74 70 · 74 70 · 74 70 · 65 70 · 65	70 - 57 70 - 65 70 - 49	72 · 90 71 · 57 70 · 74 70 · 74 70 · 74 70 · 90

 $\bf 6$ GEORGE V, A. 1916 Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1881–82.

TABLE No. 511.

				-0.77 mm		and the same of					147,010	0. 011.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71.07 71.07 71.07 71.07 71.07 70.99	72 · 99 73 · 32 73 · 90 74 · 07 74 · 32	75·24 74·90 74·82 74·74 74·57	71.65 71.65 71.65 71.65 71.57	70.57 70.57 70.57 70.57 70.57	69·40 69·40 69·40 69·32 69·24		69·74 69·74 69·74 69·74 69·74	69·99 69·99 69·99 70·07	70·49 70·07 70·40 70·57 70·57	70·57 70·57 70·57 70·57 70·57	70·24 70·32 71·07 71·74 71·74
6	70-99 70-57 70-49 70-49 70-57	74·32 74·32 74·40 74·40 74·40	74·32 74·15 74·07 73·99 73·65	71 · 40 71 · 49 71 · 40 71 · 32 71 · 24	$70 \cdot 40$ $70 \cdot 40$ $70 \cdot 40$ $70 \cdot 32$ $70 \cdot 24$	69·32 69·15		69·74 69·74 69·82 69·90 70·07	$70 \cdot 15$ $70 \cdot 15$ $70 \cdot 24$ $70 \cdot 24$ $70 \cdot 24$	70·65 70·82 70·82 70·65 70·40	70·57 70·57 70·57 70·57 70·57	71 · 74 71 · 82 71 · 57 71 · 40 71 · 40
11	70·82 70·82 70·82 70·82 70·82	74 · 49 74 · 57 74 · 65 74 · 65 74 · 65	73·57 73·24 73·15 73·07 72·99	71·15 71·15 71·15 71·07 71·07	$70 \cdot 24$	68·99 68·99		69·99 69·99 70·07 70·24 70·24	$\begin{array}{c} 70 \cdot 24 \\ 70 \cdot 24 \\ 70 \cdot 32 \\ 70 \cdot 32 \\ 70 \cdot 32 \\ 70 \cdot 32 \end{array}$	70 · 40 70 · 24 70 · 15 70 · 07 69 · 82	69·90 70·07 70·07 70·07 70·24	71 · 40 71 · 40 71 · 32 71 · 15 70 · 90
16	70·82 70·82 70·74 70·74 70·74	75·24 75·57 75·74 75·90 75·99	72·82 72·74 72·57 72·57 72·49	70-99 70-99 70-82 70-82 70-82	70·24 69·99 69·90 69·90 69·90	68 · 90 68 · 90		70·24 70·24 70·24 70·24 70·32	70·32 70·32 70·32 70·32 70·32	69·65 69·57 69·90 70·07 70·32	70·24 70·40 70·57 70·57 70·57	70·90 70·90 70·90 70·90 69·57
21	70 · 74 70 · 74 70 · 82 70 · 90 70 · 90	76·07 76·07 76·07 75·82 75·74	72·40 72·40 72·40 72·32 72·24	70·82 70·82 70·82 70·57 70·57	69 · 90 69 · 90 69 · 90 69 · 99 69 · 74	68·74 68·74		70·32 70·32 70·24 70·24 70·24	70·32 70·32 70?24 70·24 70·07	70·57 70·57 70·57 70·40 70·40	70·65 70·74 70·74 70·74 70·57	69 · 99 70 · 40 70 · 07 70 · 07 70 · 07
26	71 · 24 71 · 40 71 · 40 71 · 07 72 · 07	75 · 65 75 · 57 75 · 49 75 · 32 75 · 32 75 · 24	71 · 74 71 · 74 71 · 74 71 · 74 71 · 65	70·57 70·57 70·57 70·57 70·57 70·57	69·74 69·65 69·65 69·57 69·49 69·40	68·74 68·74		70·15 70·07 70·07 69·99 69·99	69·99 69·90 69·99 70·24 69·65	70.57	70·57 70·07 70·24	70·24 70·40 70·57 70·57 70·65 70·65

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1882-83.

										T/	ABLE No	o. 512.
1 2 3 4 5	70-90 70-90 70-07 71-07 71-24	73 · 49 73 · 49 73 · 49 73 · 49 73 · 57	76·24 76·24 76·32 76·32 76·40	74 · 57 74 · 40 74 · 32 74 · 24 74 · 24	72·49 72·40 72·32 72·32 72·24	72·07 71·99 71·99 71·90 71·90	72·15 72·07 72·07 71·99 71·82	71·07 71·07 71·15 71·15 71·15	72·07 71·90 71·90 70·57 71·07	70·65 70·57 70·57 70·65 70·57	70 · 49 70 · 49 70 · 57 70 · 74 70 · 74	71 · 07 71 · 15 71 · 07 70 · 99 70 · 90
6	71 · 24 71 · 24 71 · 40 71 · 90 72 · 07	73.57 73.57 73.57 73.65 73.65	76·40 76·40 76·24 76·07 75·99	74 · 24 74 · 15 74 · 07 73 · 99 73 · 90	72 · 15 71 · 99 71 · 90 71 · 90 71 · 90	71.90 71.90 71.82 71.74 71.74	71 · 82 71 · 74 71 · 65 71 · 57 71 · 57	71 · 15 71 · 15 71 · 15 71 · 15 71 · 15	$\begin{array}{c} 71 \cdot 15 \\ 71 \cdot 15 \\ 71 \cdot 24 \\ 71 \cdot 32 \\ 71 \cdot 24 \end{array}$	70·74 70·65 70·65 70·65 70·65	70·90 70·99 70·90 70·90 70·90	71·07 71·07 71·15 71·24 71·32
11	72.07 72.07 71.99 71.90 71.82	73·74 73·82 73·99 74·15 74·32	75-82 75-65 75-57 75-49 75-40	73 · 90 73 · 74 73 · 57 73 · 57 73 · 57	71.82 71.74 71.74 71.65 71.57	71 · 74 71 · 74 71 · 65 71 · 65 71 · 65	71 · 49 71 · 32 71 · 24 71 · 24 71 · 24	$71 \cdot 15$ $71 \cdot 15$ $71 \cdot 15$ $71 \cdot 24$ $71 \cdot 32$	71.07 70.99 70.99 70.99 70.99	70-65 70-65 70-65 70-65 70-65	71.07 71.07 71.07 70.90 70.90	71·32 71·32 71·40 71·40 71·32
16	71 · 90 71 · 90 71 · 90 71 · 90 72 · 40	74·40 74·49 74·57 74·57 74·65	75·32 75·15 75·07 75·07 75·07	73 · 40 73 · 24 73 · 07 73 · 07 72 · 99	71·57 71·57 71·65 71·74 71·90	71 · 65 71 · 65 71 · 57 71 · 57 71 · 65	71 · 24 71 · 15 71 · 15 71 · 07 71 · 07	71·40 71·57 71·74 71·90 72·07	70·99 70·99 71·07 71·07 71·15	70·57 70·57 70·65 70·65 70·65	$70 \cdot 90$ $70 \cdot 99$ $70 \cdot 90$ $70 \cdot 74$ $70 \cdot 65$	$\begin{array}{c} 71 \cdot 24 \\ 71 \cdot 24 \end{array}$
21. 22. 23. 24. 25.	72 · 65 73 · 15 73 · 15 73 · 40 73 · 49	74 · 82 74 · 99 75 · 15 75 · 32 75 · 49	75·15 75·15 75·15 75·07 75·07	72·90 72·74 72·65 72·57 72·49	$\begin{array}{c} 72 \cdot 07 \\ 72 \cdot 24 \\ 72 \cdot 32 \\ 72 \cdot 32 \\ 72 \cdot 32 \\ 72 \cdot 32 \end{array}$	71.65 71.74 71.74 71.74 71.74	71.07 71.07 71.07 71.07 71.07	$\begin{array}{c} 72 \cdot 15 \\ 72 \cdot 15 \end{array}$	71·15 71·24 71·24 71·07 70·99	70.65 70.65 70.90 71.07 71.32	70·90 70·90 70·90 70·82 70·90	$\begin{array}{c} 71 \cdot 24 \\ 71 \cdot 24 \\ 71 \cdot 15 \\ 71 \cdot 15 \\ 71 \cdot 15 \\ 71 \cdot 15 \end{array}$
26	73 · 49 73 · 49 73 · 49 73 · 40 73 · 40	75·74 75·82 75·90 76·07 76·15 76·24	74-99 74-90 74-90 74-82 74-65	$\begin{array}{c} 72 \cdot 40 \\ 72 \cdot 32 \\ 72 \cdot 24 \\ 72 \cdot 32 \\ 72 \cdot 40 \\ 72 \cdot 49 \end{array}$	$\begin{array}{c} 72 \cdot 32 \\ 72 \cdot 32 \\ 72 \cdot 24 \\ 72 \cdot 15 \\ 72 \cdot 07 \\ 72 \cdot 07 \end{array}$	71·82 71·99 72·07 72·15 72·24 72·24	71.07 71.07 71.07 71.07 71.07 71.07 71.07	72·15 72·15 71·82 71·65 71·57	70·90 70·90 70·82 70·82 70·65 70·65	70.82	70-90 70-90 70-90	$71 \cdot 15 \\ 70 \cdot 99 \\ 70 \cdot 99 \\ 70 \cdot 90 \\ 70 \cdot 82 \\ 70 \cdot 74$

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1883-84.

TABLE No. 513.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oet.	Nov.	Dec.	Jan.	Feb.	March
1	70-57 70-57 70-57 70-57 70-49	73 · 32 73 · 24 73 · 15 73 · 15 73 · 40	75·74 75·74 75·65 75·57 75·49	75.07 75.07 75.24 75.40 75.40	73 · 24 73 · 07 73 · 07 72 · 99 72 · 90	71·32 71·32 71·24 71·15 71·15	71.07 71.07 71.07 71.07 71.07	71·32 71·32 71·40 71·49 72·40	73 · 07 73 · 07 73 · 15 73 · 15 73 · 24	72·40 72·40 72·40 72·40 72·49	71-99 71-65 71-74 71-82 71-90	72·57 72·74 72·74 72·74 72·74 72·74
6	70·49 70·49 70·57 70·57 70·90	73 · 57 73 · 65 73 · 74 73 · 74 73 · 82	75·40 75·40 75·32 75·15 75·07	75·40 75·24 75·15 75·07 74·99	72 · 82 72 · 82 72 · 82 72 · 74 72 · 57	71.07 70.99 70.99 70.99 70.99	71.07 71.07 70.99 70.99 70.99	$72 \cdot 24$ $72 \cdot 07$ $71 \cdot 99$ $71 \cdot 99$ $72 \cdot 15$	72 · 74 72 · 49 72 · 57 72 · 65 72 · 74	$\begin{array}{c} 72 \cdot 49 \\ 72 \cdot 57 \end{array}$	71 · 99 72 · 15 72 · 15 72 · 15 72 · 15	72 · 57 72 · 57
11 12 13 14 15	71·32 72·07 72·49 73·07 73·57	73·90 73·99 74·15 74·40 74·57	74.99 75.07 75.15 75.24 75.15	74 · 90 74 · 65 74 · 57 74 · 49 74 · 40	72·57 72·49 72·40 72·40 72·24	70 · 99 70 · 99 71 · 07 71 · 07 71 · 07	70.99 70.99 70.99 70.99 71.07	$\begin{array}{c} 72 \cdot 24 \\ 72 \cdot 24 \\ 72 \cdot 32 \\ 72 \cdot 32 \\ 72 \cdot 40 \end{array}$	72 · 82 72 · 82 72 · 65 72 · 57 72 · 57	72·49 72·49 72·49 72·49 72·40	72·15 72·15 72·15 72·15 72·15 72·07	72 · 49 72 · 24 72 · 24
16 17 18 19 20	73·90 74·15 74·40 74·57 74·74	74 · 74 74 · 74 74 · 65 74 · 57 74 · 57	75.07 75.07 75.07 75.07 75.07 75.32	74 · 24 74 · 15 74 · 15 74 · 32 74 · 40	$72 \cdot 15$ $72 \cdot 15$ $71 \cdot 99$ $71 \cdot 90$ $71 \cdot 90$	71 · 15 71 · 15 71 · 15 71 · 15 71 · 15 71 · 15	71.07 71.15 71.24 71.32 71.49	72 · 49 72 · 49 72 · 24 72 · 24 72 · 15	$72 \cdot 49$ $72 \cdot 40$ $72 \cdot 15$ $72 \cdot 15$ $72 \cdot 15$	72 · 40 72 · 32 72 · 24 72 · 15 72 · 15	72·07 72·07 72·07 72·07 72·15	72·15 71·99 71·99
21 22 23 24 25	74·82 74·65 74·65 74·57 74·32	74·57 74·57 74·65 74·99 75·07	75·40 75·40 75·32 75·24 75·07	74·40 74·32 74·32 74·32 74·15	71 · 90 71 · 82 71 · 82 71 · 74 71 · 65	71.07 71.07 71.07 70.99 70.99	71 · 49 71 · 49 71 · 49 71 · 49 71 · 49	$72 \cdot 15$ $72 \cdot 07$ $72 \cdot 15$ $72 \cdot 32$ $72 \cdot 40$	$72 \cdot 15$ $72 \cdot 15$ $72 \cdot 40$ $72 \cdot 49$ $72 \cdot 49$	$\begin{array}{c} 72 \cdot 24 \\ 72 \cdot 15 \end{array}$	72 · 15 72 · 15 72 · 24 72 · 24 72 · 24 72 · 24	71.82 71.90 71.90
26. 27. 28. 29. 30. 31.	74.07 73.90 73.74 73.74 73.57	75·15 75·32 75·32 75·40 75·40 75·40	75-07 75-07 75-07 75-07 75-07	74.07 73.90 73.82 73.65 73.57 73.40	71.57 71.57 71.49 71.49 71.40 71.40	70·99 70·90 70·90 70·90 70·99	71·49 71·49 71·49 71·40 71·32 71·24	72·49 72·57 72·74 72·90 72·99	72 · 49 72 · 32 72 · 32 72 · 32 72 · 32 72 · 32 72 · 40	72·15 72·15 72·07 72·15 72·32 72·32	72·40 72·49 72·57 72·57	

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1884-85.

TABLE No. 514.

										TABLE NO	. 314.
1	74·57 74·40 74·24 74·07 73·99	75·40 75·57 75·65 75·74 75·90	75·49 75·49 75·32 75·15 74·90	72·57 72·49 72·40 72·40 72·15	71.57 71.57 71.65 71.74 71.90	70 · 65 70 · 65 70 · 57 70 · 57 70 · 57	70·57 70·57 70·65 70·65 70·65	71 · 99 72 · 07 72 · 07 72 · 15 72 · 07	71·65 71·74 71·57 71·57 71·65	72·49 72·57 72·65 72·90 73·15	72·74 73·24 72·99 72·74 72·65
6	73 · 82 73 · 57 73 · 40 73 · 40 73 · 49	76 · 15 76 · 15 76 · 40 76 · 57 76 · 65	74·82 74·74 74·57 74·49 74·40	72·07 72·07 72·07 72·07 72·07 71·99	71.99 72.07 72.07 72.07 72.07 72.07	70·57 70·57 70·57 70·49 70·49	70 · 65 70 · 65 70 · 65 70 · 65 70 · 65 70 · 65	$\begin{array}{c} 72\cdot 15 \\ 72\cdot 15 \\ 72\cdot 07 \\ 72\cdot 07 \\ 72\cdot 07 \\ 72\cdot 40 \end{array}$	71·57 72·24 73·15 73·49 73·57	73·24 72·99 72·74 72·57 72·40	$\begin{array}{c} 72\cdot 49 \\ 72\cdot 40 \\ 72\cdot 32 \\ 72\cdot 24 \\ 72\cdot 15 \end{array}$
11 12 13 14 15	73 · 65 73 · 90 73 · 99 73 · 99 73 · 99	76 · 74 76 · 82 76 · 82 76 · 82 76 · 82	74·40 74·24 74·15 74·15 74·07	71·90 71·82 71·82 71·74 71·74	$72 \cdot 07$ $71 \cdot 99$ $71 \cdot 99$ $71 \cdot 90$ $71 \cdot 74$	70 · 49 70 · 40 70 · 40 70 · 40 70 · 40	70 · 65 70 · 74 70 · 74 70 · 74 70 · 82	71 · 99 71 · 90 71 · 90 71 · 82 71 · 82	73·32 73·07 72·99 72·90 72·82	72·40 72·40 72·40 72·40 72·49 72·57	$\begin{array}{c} 72 \cdot 15 \\ 72 \cdot 07 \\ 72 \cdot 07 \\ 72 \cdot 15 \\ 71 \cdot 99 \end{array}$
16 17. 18. 19.	74 · 24 74 · 40 74 · 49 74 · 57 74 · 65	76 · 82 76 · 82 76 · 74 76 · 65 76 · 65	73 · 99 73 · 90 73 · 82 73 · 65 73 · 57	71 · 74 71 · 65 71 · 57 71 · 49 71 · 49	71·74 71·65 71·57 71·49 71·40	70·32 70·32 70·32 70·32 70·32 70·32	70·82 70·82 70·82 70·82 70·82 70·82	71·74 71·82 71·65 71·65 71·65	78 · 65 72 · 82 72 · 90 72 · 74 72 · 57	72·57 72·57 72·49 72·40 72·40	71·90 71·74 71·57 71·57 71·57
21	74-90	76 · 65 76 · 65 76 · 65 76 · 57 76 · 49	73 · 40 73 · 32 73 · 24 73 · 07 72 · 99	$\begin{array}{c} 71 \cdot 49 \\ 71 \cdot 40 \end{array}$	71·24 71·24 71·15 71·07 70·99	70·32 70·32 70·32 70·32 70·32 70·32	70.82 70.82 70.99 70.99 71.07	71.65 71.57 71.65 71.74 71.90	72·49 72·40 72·57 72·90 73·07	72 · 40 72 · 32 72 · 32 72 · 32 72 · 32 72 · 24	71.57 71.65 71.74 71.74 71.74
26. 27. 28. 29. 30.	75·24 75·24 75·32 75·32	76·32 76·15 76·15 76·07 75·90 75·74	72·90 72·82 72·82 72·74 72·65	71·32 71·40 71·40 71·40 71·40 71·40	70 · 99 70 · 90 70 · 82 70 · 74 70 · 74 70 · 74	70·32 70·32 70·40 70·40 70·49	71 · 15 71 · 24 71 · 49 71 · 82 71 · 90 71 · 90	72·07 71·99 71·90 71·90 71·90	$\begin{array}{c} 73 \cdot 15 \\ 72 \cdot 99 \\ 72 \cdot 65 \\ 72 \cdot 40 \\ 72 \cdot 40 \\ 72 \cdot 40 \end{array}$	72·15 72·07 72·24 72·40 72·24 72·24 72·24	71.65 71.65 71.65 71.65 71.65 71.65

6 GEORGE V, A. 1916 ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1885–86.

TABLE No. 515.

					A							
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71 · 65 71 · 65 71 · 74 71 · 82 71 · 90	78·40 77·90 77·24 76·74 76·49	76·40 76·49 76·57 74·49 76·40	74 · 49 74 · 40 74 · 40 74 · 24 74 · 07	72-65 72-57 72-49 72-40 72-40	71.07 71.07 71.07 71.07 71.07 70.99	70·74 70·74 70·74 70·74 70·65	70.99 70.99 70.99 70.99 70.99	71·40 71·32 71·57 71·32 71·32	71.07 71.07 71.07 71.07 71.07 71.57	72·57 72·57 72·57 72·57 72·57 72·57	73·32 73·74 74·07 74·15 73·90
6	71 · 90	76 · 24	76·32	74.07	72·40	70·99	70-65	71 · 07	71-40	73-07	72.65	73·57
	71 · 90	76 · 07	76·24	73.90	72·24	70·90	70-57	71 · 15	71-57	73-40	72.65	73·24
	71 · 65	76 · 15	76·07	73.90	72·24	70·82	70-57	71 · 24	71-74	73-57	72.82	72·90
	71 · 65	76 · 15	75·90	73.99	72·15	70·82	70-49	71 · 40	71-90	73-65	72.90	72·74
	71 · 74	76 · 40	75·65	74.07	72·07	70·82	70-49	71 · 65	71-82	73-49	72.57	72·65
11	71·74	76-65	75·57	73 · 99	72-07	70-82	70-40	71.82	71.65	73 · 24	72·15	72·49
	71·82	76-99	75·32	73 · 90	71-99	70-82	70-40	71.82	71.57	73 · 24	72·24	72·49
	71·90	76-99	75·15	73 · 82	71-99	70-82	70-32	71.82	71.57	73 · 24	72·07	72·49
	71·90	77-07	74·99	73 · 82	71-90	70-82	70-32	71.82	71.57	73 · 24	72·07	72·07
	71·99	77-15	74·90	73 · 82	71-90	70-82	70-40	71.90	71.49	73 · 15	72·15	71·90
16	72·07	77-07	74 · 74	73 · 82	71 · 82	70·82	70·40	71.90	71 · 49	73 · 15	72·40	71·82
	72·49	77-07	74 · 65	73 · 74	71 · 74	70·82	70·49	71.90	71 · 57	73 · 15	72·24	71·82
	72·90	77-07	74 · 57	73 · 74	71 · 74	70·82	70·49	71.90	71 · 57	73 · 15	72·32	71·82
	72·90	77-07	74 · 49	73 · 74	71 · 65	70·74	70·65	71.90	71 · 65	73 · 07	72·24	71·57
	74·49	77-07	74 · 40	73 · 74	71 · 57	70·74	70·82	71.99	71 · 65	72 · 90	72·32	71·57
21	75·07	77.07	74·40	73 · 65	71 · 57	70·74	70 - 99	71 · 99	71-65	72·99	72·32	71.57
22	75·82	77.07	74·49	73 · 65	71 · 49	70·74	71 - 15	72 · 07	71-82	72·99	72·24	71.57
23	76·40	77.07	74·57	73 · 40	71 · 49	70·82	71 - 15	72 · 07	71-99	72·90	72·40	71.57
24	76·99	77.07	74·57	73 · 32	71 · 49	70·82	71 - 15	71 · 99	71-99	73·07	72·32	71.57
25	77·07	76.99	74·57	73 · 24	71 · 40	70·82	71 - 07	71 · 99	72-07	73·24	72·32	71.57
26 27 28 29 30 31	77-32 77-57 77-82 78-07 78-24	76-99 76-90 76-82 76-74 76-57 76-40	74·57 74·57 74·57 74·57 74·57	73·15 73·07 72·99 72·90 72·82 72·74	71·40 71·32 71·24 71·15 71·07 71·07	70·82 70·74 70·74 70·74 70·74	70·99 70·99 70·99 70·99 70·99 70·99	71·90 71·82 71·74 71·57 71·49	72·15 72·15 72·15 72·15 72·17 72·07 71·90		72-49 72-65 72-99	71.57 71.57 71.57 71.57 71.57 71.57

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1886-87.

TABLE No. 516. 71 · 74 72 · 74 73 · 90 74 · 15 78-07 77-99 77-90 77-82 74·40 74·32 74·07 73·90 72-99 72-90 72-90 72-90 72·07 72·07 71·99 71·99 70 · 49 70 · 57 70 · 65 70 · 74 70 · 74 70 · 82 70 · 82 70 · 82 70 · 90 71·40 71·40 71·40 71·40 70 · 74 70 · 74 70 · 74 70 · 65 71.82 72.07 72.40 72.74 $71 \cdot 24$ 70 · 90 71 · 07 71 · 24 72 · 24 72 · 24 72 · 24 73.90 72.90 71.90 70.99 71.32 70.57 72.90 72·74 72·57 72·49 72·40 72·40 71 - 90 71 - 82 71 - 74 71 - 57 71·32 71·15 71·15 71·07 74 - 24 77.49 73.82 $71 \cdot 32$ $71 \cdot 32$ $71 \cdot 32$ 70.57 $\begin{array}{c} 72 \cdot 82 \\ 72 \cdot 74 \\ 72 \cdot 90 \end{array}$ 72 · 24 72 · 49 72 · 32 $70 \cdot 74$ 70-99 77.49 77.32 77.15 76.99 76.90 70·74 70·82 70 · 65 70 · 57 70 · 57 73.49 73 · 57 73 · 57 73 · 57 73 · 57 $\begin{array}{c} 72 \cdot 32 \\ 72 \cdot 32 \\ 72 \cdot 24 \\ 72 \cdot 15 \\ 72 \cdot 07 \end{array}$ $73 \cdot 65$ $73 \cdot 82$ $73 \cdot 90$ 76 - 74 71.57 70.57 70.82 70.99 70.90 $73 \cdot 40$ 76 · 57 76 · 40 76 · 24 71·49 71·49 71·40 71·40 70·82 70·74 70·74 70·74 70·57 70·74 73 · 57 73 · 49 70.90 70.90 72·49 72·49 70.74 $70 \cdot 90$ 73 · 40 73 · 40 70.57 $70 \cdot 90$ 72-40 71·32 71·24 71·15 71·15 16 75-40 75-90 73 - 57 73 - 49 72·07 72·07 72·07 72·07 70 · 74 70 · 74 70 · 74 70 · 74 70 · 74 71 · 24 71 · 57 71 · 90 71 · 82 73 · 57 73 · 24 72 · 99 72 · 82 70.49 71 · 07 71 · 07 71 · 07 70 - 90 70 - 90 70 - 99 71-32 71-32 71-24 74 · 90 75 · 49 76 · 74 77 · 40 75-74 75-57 75 · 49 75 · 40 73.49 70.99 70.99 $71 \cdot 24$ 77-49 77-74 78-07 75·24 75·15 75·07 74·99 74·90 71 · 15 71 · 15 71 · 15 71 · 24 71.65 71.57 71.57 71.57 71 · 24 71 · 24 71 · 24 71 · 24 71 · 24 71 · 24 73·32 73·32 70 · 99 71 · 07 71 · 07 72 · 24 72 · 15 72 · 07 71.07 70·40 70·40 $70.74 \\ 70.74$ 70.99 70.99 73 · 24 74 · 24 74 · 24 72·07 72·15 72·15 70.40 78-24 $70.99 \\ 70.82$ 71.99 71.99 70 - 49 $71 \cdot 24$ 70.7474 · 15 74 · 15 74 · 15 74 · 07 74 · 82 74 · 74 70.82 70.7471.7471 - 9971-24 70 · 74 70 · 74 70 · 74 70 · 57 70 · 49 71.32 71.40 71.40 71.40 71.74 71.74 71.74 71.82 71.90 70-49 70-57 70-74 71 - 9072·15 72·15 72·07 72·07 70.40 $71 \cdot 40$

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1887-88.

TABLE No. 517.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1		76·90 76·90 76·74 76·74 77·15	75·32 75·24 75·24 75·24 75·24	72·15 72·15 72·07 71·99 71·90	71·15 71·15 70·90 70·82 70·74	69·74 69·74 69·74 69·74 69·65	68 · 99 68 · 99 68 · 99 68 · 99 68 · 99	69·07 69·07 69·07 69·07 69·07	69·32 69·32 69·32 69·32 69·40	70·32 70·32 70·24 70·15 70·24	72 · 24 72 · 07 71 · 90 71 · 90 71 · 90	70·40 70·40 70·49 70·57 70·74
6		77-65 77-99 78-24 78-49 78-74	75 · 07 74 · 82 74 · 57 74 · 40 74 · 32	71.82 71.82 71.82 71.82 71.74	70 · 65 70 · 65 70 · 65 70 · 57 70 · 49	69 · 65 69 · 65 69 · 57 69 · 57 69 · 49	68 · 99 68 · 99 68 · 99 68 · 99 68 · 99	69·07 69·07 69·07 69·07 69·07	69·49 69·65 69·65 69·74	70·32 70·40 70·40 70·40 70·49	71 · 82 71 · 82 71 · 65 71 · 65 71 · 49	70 · 90 71 · 07 71 · 07 71 · 07 71 · 07 70 · 90
11		78-82 78-82 78-90 78-90 78-90	74 · 24 74 · 15 74 · 07 73 · 99 73 · 82	71.65 71.65 71.65 71.65 71.65	70 · 49 70 · 49 70 · 40 70 · 40 70 · 40	69 · 49 69 · 49 69 · 32 69 · 32 69 · 32	68 · 99 68 · 90 68 · 90 68 · 90	69.07 69.07 69.07 69.07 69.07	69-90 70-07 69-99 69-99 69-99	70·57 70·57 70·40 70·32 70·24	71 · 99 72 · 40 72 · 65 72 · 65 72 · 32	70·74 70·49 70·57 70·65 70·65
16		78 · 74 78 · 57 78 · 40 78 · 24 77 · 90	73 · 74 73 · 65 73 · 57 73 · 40 73 · 15	71 · 65 71 · 65 71 · 65 71 · 65 71 · 65	70·32 70·32 70·32 70·32 70·24	69·32 69·32 69·32 69·24 69·24	68-99 68-99 68-99 68-99	69·07 69·07 69·07 69·07 69·07	69·99 69·90 69·90 69·90	$\begin{array}{c} 70 \cdot 24 \\ 70 \cdot 24 \\ 70 \cdot 24 \\ 70 \cdot 24 \\ 70 \cdot 40 \end{array}$	72·15 72·07 72·15 72·07 72·07	70 · 57 74 · 49 70 · 40 70 · 40 70 · 40
21. 22. 23. 24. 25.		77-65 77-32 76-99 76-65 76-40	73 · 15 73 · 07 72 · 99 72 · 90 72 · 90	71 · 65 71 · 65 71 · 65 71 · 57 71 · 49	70 · 24 70 · 15 70 · 15 70 · 07 70 · 07	$69 \cdot 24$ $69 \cdot 15$ $69 \cdot 15$ $69 \cdot 15$ $69 \cdot 07$	68 · 99 68 · 99 68 · 90 68 · 90 68 · 90	$69 \cdot 15$	69·90 69·74 69·74 69·74 69·74	70·57 70·65 70·82 70·82 70·74	71 · 99 71 · 57 71 · 40 71 · 24 71 · 07	70 · 40 70 · 32 70 · 24 70 · 40 70 · 49
26 27 28 29 30 31		76 · 24 75 · 99 75 · 74 75 · 65 75 · 57 75 · 49	72·74 72·57 72·40 72·32 72·24	71 · 32 71 · 32 71 · 32 71 · 24 71 · 24 71 · 15	69 · 99 69 · 99 69 · 90 69 · 90 69 · 82 69 · 82	69·07 68·99 68·90 68·90	68 · 90 68 · 90 68 · 99 68 · 99 68 · 99 69 · 07	69·15 69·24 69·32 69·40 69·32	69·74 69·82 69·90 70·15 70·07 70·32	70 · 99 71 · 24 71 · 49 71 · 90 72 · 07 72 · 24	70·49 70·40 70·32	70.49

ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1888-89.

TABLE No. 518.

1	70·99 71·07 71·15 71·24 71·40	73 · 40 73 · 57 73 · 74 73 · 82 73 · 99	76-65 76-57 76-49 76-40 76-40	74 · 49 74 · 40 74 · 32 74 · 15 73 · 99	71·49 71·40 71·40 71·32 71·32	70·74 70·74 70·65 70·65 70·57	70·40 70·40 70·40 70·40 70·32	70·15 70·24 70·32 70·49 70·57	71·49 71·49 71·32 71·32 71·32	71 · 65 71 · 65 71 · 57 71 · 57 71 · 57 71 · 57	71-49 71-49 71-49 71-49 71-49	70·99 70·99 70·90 70·90 70·82
6. 7. 8. 9.	71·49 71·74 71·99 72·24 72·32	74·07 74·15 74·32 74·40 74·49	76·40 76·24 76·07 75·99 75·90	73 · 82 73 · 65 73 · 40 73 · 32 73 · 24	$71 \cdot 24 \\ 71 \cdot 15 \\ 71 \cdot 07 \\ 70 \cdot 99 \\ 70 \cdot 99$	70 · 40 70 · 40 70 · 40 70 · 40 70 · 40 70 · 40	$\begin{array}{c} 70 \cdot 32 \\ 70 \cdot 32 \\ 70 \cdot 32 \\ 70 \cdot 24 \\ 70 \cdot 24 \end{array}$	70·65 70·74 70·82 71·24 71·57	71·32 71·32 71·32 71·32 71·32 71·24	71·57 71·57 71·57 71·57 71·57 71·57	71·49 71·49 71·49 71·49 71·49	70·82 70·82 70·82 70·82 70·82 70·82
11	72·49 72·74 72·99 72·99 72·96	74 · 57 74 · 74 75 · 32 75 · 90 76 · 40	75 · 74 75 · 65 75 · 57 75 · 49 75 · 49	$73 \cdot 15$ $72 \cdot 99$ $72 \cdot 82$ $72 \cdot 57$ $72 \cdot 49$	70 · 99 70 · 90 70 · 82 70 · 74 70 · 74	$70 \cdot 40$ $70 \cdot 40$ $70 \cdot 32$ $70 \cdot 24$ $70 \cdot 15$	70·15 70·07 70·07 70·07 70·15	72 · 24 72 · 40 72 · 65 72 · 65 72 · 49	70 · 99 71 · 07 71 · 15 71 · 24 71 · 32	71.57 71.57 71.47 71.47 71.47	71-49 71-49 71-49 71-49 71-49	70·82 70·82 70·82 70·74 70·74
16	72·90 72·90 72·90 72·99 72·90	76.90 77.40 77.82 77.90 78.07	75 · 57 75 · 65 75 · 74 75 · 90 75 · 82	$\begin{array}{c} 72 \cdot 40 \\ 72 \cdot 32 \\ 72 \cdot 24 \\ 72 \cdot 24 \\ 72 \cdot 15 \end{array}$	70 · 74 70 · 74 70 · 74 70 · 74 70 · 74	$70 \cdot 15 \\ 70 \cdot 24 \\ 70 \cdot 32 \\ 70 \cdot 32 \\ 70 \cdot 40$	70 · 15 70 · 07 70 · 07 70 · 07 70 · 07 70 · 07	72·40 72·07 71·99 71·74 71·74	71·40 71·49 71·49 71·49 71·40	71-47 71-47 71-47 71-47 71-47	71·49 71·49 71·49 71·49 71·40	70·57 70·40 70·24 70·07 70·07
21	71.57 71.49 71.32 71.65 72.07	78·15 78·15 78·15 78·07 77·99	75.82 75.82 75.65 75.57 75.49	$\begin{array}{c} 72 \cdot 15 \\ 72 \cdot 07 \\ 71 \cdot 99 \\ 71 \cdot 90 \\ 71 \cdot 90 \end{array}$	70 · 65 70 · 74 70 · 57 70 · 49 70 · 40	70 · 40 70 · 49 70 · 57 70 · 57 70 · 57	70·07 69·99 69·99 69·99 70·07	71.65 71.65 71.57 71.49 71.49	71 · 49 71 · 49 71 · 49 71 · 57 71 · 57	71-47 71-47 71-47 71-47 71-47	$71 \cdot 40$ $71 \cdot 32$ $71 \cdot 32$ $71 \cdot 24$ $71 \cdot 24$	70·15 70·24 70·57 70·90 71·40
26. 27. 28. 29. 30.	71.99 71.82 72.15 72.57 72.74	77-90 77-74 77-40 77-15 76-99 76-99	75·40 75·32 75·15 74·99 74·82	71.82 71.82 71.74 71.65 71.57 71.57	70·40 70·49 70·49 70·57 70·57 70·57	70·57 70·57 70·57 70·57 70·57 70·40	70·07 70·07 70·07 70·07 70·07 70·07 70·07	71·49 71·49 71·49 71·49 71·40	71.65 71.65 71.65 71.74 71.74 71.74		71·15 71·15 71·07	71.99 71.99 71.99 71.90 71.82 71.82

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1889–90.

TABLE No. 519

		Contractor and Contractor									ADLE	140. 319.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71 · 82 71 · 90 71 · 99 71 · 99 71 · 99	75 · 24 75 · 40 75 · 57 75 · 57 75 · 65	73 · 40 73 · 57 73 · 90 74 · 32 74 · 24		72·57 72·57 72·49 72·40 72·40	71·24 71·24 71·24 71·15 71·15	70·24 70·24 70·24 70·32 70·32	70·15 70·15		71-82 71-90 71-99 72-07 72-24	72·07 72·07 72·07 72·07 72·07 71·99	73·15 73·07 72·99 72·90 72·82
6	71.99 71.99 71.99 71.99 71.99	75.65 75.57 75.57 75.32 75.24	75·24 75·57 75·99 76·07 76·24		$\begin{array}{c} 72 \cdot 32 \\ 72 \cdot 24 \\ 72 \cdot 24 \\ 72 \cdot 15 \\ 72 \cdot 07 \end{array}$	71.07 70.99 70.99 70.99 70.90	70·32 70·40 70·40 70·40 70·32	70.07		72·32 72·49 72·40 72·40 72·49	71·99 71·99 72·07 72·07 72·15	72·74 72·65 72·57 72·57 72·57
11	$\begin{array}{c} 72 \cdot 32 \\ 72 \cdot 40 \\ 72 \cdot 57 \\ 72 \cdot 49 \\ 72 \cdot 49 \end{array}$	75·07 74·99 74·90 74·82 74·74	76 · 24 76 · 24 76 · 24 75 · 90 75 · 74		71.99 71.90 71.90 71.90 71.90	70·74 70·74 70·74 70·65 70·65	70·32 70·49 70·49 70·49 70·49	69-90		72·57 72·65 72·74 72·82 72·90	72 · 24 72 · 24 72 · 24 72 · 32 72 · 32	$72 \cdot 40 \\ 72 \cdot 32 \\ 72 \cdot 15 \\ 71 \cdot 90 \\ 71 \cdot 65$
16	$\begin{array}{c} 72 \cdot 32 \\ 72 \cdot 24 \\ 72 \cdot 24 \\ 72 \cdot 40 \\ 72 \cdot 57 \end{array}$	74 · 57 74 · 40 74 · 32 74 · 32 74 · 24	75·57 75·49 75·32 75·24 75·15		71 · 74 71 · 74 71 · 74 71 · 65 71 · 65	70·65 70·57 70·57 70·57 70·57	70-49 70-40 70-40 70-40 70-32	69·99 69·99 70·07 70·07		72·90 72·90 72·90 72·90 72·90	72·24 72·24 72·15 72·15 72·15	71·57 71·57 71·57 71·57 71·57
21 22 23 24 25	72 · 74 72 · 90 72 · 99 73 · 24 73 · 40	74 · 15 74 · 07 73 · 82 73 · 65 73 · 57	74 · 99 74 · 90 74 · 82 74 · 74 74 · 74		71.65 71.65 71.65 71.65 71.57	70 · 49 70 · 49 70 · 40 70 · 40 70 · 40	$70 \cdot 32$ $70 \cdot 24$	70·49 70·49 70·57		72·90 72·90 72·90 72·90 72·99	72·15 72·15 72·24 72·32 72·49	71.57 71.57 71.57 71.57 71.57
26. 27. 28. 29. 30.	73·57 73·99 74·24 74·65 75·15	73 · 40 73 · 40 73 · 40 73 · 40 73 · 32 73 · 32	74-65		71·57 71·57 71·49 71·24 71·32 71·32	70·32 70·24 70·24 70·24 70·24	$70 \cdot 15$ $70 \cdot 15$ $70 \cdot 15$ $70 \cdot 24$ $70 \cdot 24$ $70 \cdot 24$			72·90 72·74 72·57 72·40 72·24 72·07	72·90 73·07 73·15	71 · 49 71 · 49 71 · 49 71 · 49 71 · 49 71 · 49

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1890-91.

TABLE No. 520 71.90 71.90 71.90 71.99 71.99 71·15 71·15 71·15 71·15 71.49 71.57 71.8275.15 75·15 74·99 74·99 70·57 70·65 $\begin{array}{c} 72 \cdot 32 \\ 72 \cdot 24 \\ 72 \cdot 24 \end{array}$ 70-90 69.57 $70 \cdot 24$ $70 \cdot 15$ $71 \cdot 15 \\ 71 \cdot 24$ 75.40 75.57 75.65 70.90 69.99 71.32 71 · 40 71 · 40 $72 \cdot 15$ 70.15 75.74 74.65 70.8270.8270.5770.40 75·90 76·07 76·32 76·32 71·15 71·15 71·15 71·15 71.99 7.... 8.... 72 · 15 72 · 15 72 · 15 72 · 15 72 · 07 $72 \cdot 65$ $72 \cdot 99$ $72 \cdot 99$ 74 · 49 74 · 32 74 · 15 71.99 71.99 71.99 70 · 65 70 · 74 69.99 70 · 82 70 · 82 70 · 74 70.74 69-99 70-49 70.82 70.74 70.82 9..... 76 - 40 73 - 49 73.99 71.99 70.90 70.57 70.82 70.65 73.57 72·07 72·07 72·15 72·15 71·15 71·07 71·07 $70 \cdot 40 \\ 70 \cdot 32 \\ 70 \cdot 24 \\ 70 \cdot 24$ 76-40 73 · 99 73 · 90 73 · 82 70-99 70·74 70·74 70·82 $72 \cdot 07$ 70.82 $71 \cdot 49$ $71 \cdot 57$ $71 \cdot 74$ 73.57 73.99 74.07 74.57 74.57 76.40 12..... $71.99 \\ 71.99$ 76.49 70.99 70·82 70·74 76.49 71.90 70.90 14..... 71.9070.32 $76 \cdot 40$ $73 \cdot 65$ 70.99 70.90 70.90 71.99 $\begin{array}{c} 72 \cdot 07 \\ 71 \cdot 99 \\ 71 \cdot 90 \\ 71 \cdot 74 \\ 71 \cdot 74 \end{array}$ 70·82 70·57 70·74 70·82 71·74 72·15 72·07 71·99 75.07 76.32 73 - 57 71.8270.90 16..... 17..... 18.... $70 \cdot 90$ 73 · 49 73 · 40 73 · 32 73 · 15 71 · 82 71 · 82 71 · 82 71 · 82 71 · 82 76 · 24 76 · 15 70.99 70.90 70 · 49 71 · 40 71 · 49 70.99 70.99 70.99 70.99 76-15 $70 \cdot 99$ 71.07 70.65 70.82 70·82 70·74 70·65 70·65 76·32 76·49 $\begin{array}{c} 72 \cdot 99 \\ 72 \cdot 90 \\ 72 \cdot 82 \\ 72 \cdot 74 \\ 72 \cdot 65 \end{array}$ 71·74 71·74 71·74 71·82 71.07 71.07 70.9970.65 70.82 70.82 70.8271·82 71·82 71·90 74.99 71 · 65 71 · 65 71 · 57 $70 \cdot 74$ 74 · 90 74 · 90 70.82 70.90 70.90 70.99 $74 \cdot 90 \\ 74 \cdot 90$ 70.90 71.40 $70 \cdot 40$ 70.99 70.90 70 - 9072.65 72.65 72.57 72.57 72.49 71.90 71.90 71.90 71.90 71.90 71·32 71·32 71·24 71·24 71·15 73 · 74 73 · 82 73 · 82 73 · 82 26 27 $74 \cdot 90$ $70 \cdot 82$ $71 \cdot 07$ $71 \cdot 07$ $74.99 \\ 75.07$ 76 · 57 76 · 65 70.99 70.74 70.82 70.74 70.65 70·32 70·40 70·40 70·99 70·99 76-82 70-90 31...... 76.99 72.49 71.90 70.90 70-40

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1891–92.

TABLE No. 521.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	74·32 74·40 74·32 74·15 73·90	77·24 77·24 77·24 77·24 77·24 77·24	74·40 74·24 74·15 73·99 73·82	71·74 71·74 71·74 71·65 71·65	72·24 72·24 72·24 72·32 72·32			70·40 70·40 70·32 70·32 70·32	72·82 73·07 72·99 72·82 72·82	71.90 71.82 71.82		69 · 49 69 · 49 69 · 40 69 · 40 69 · 40
6	73 · 82 73 · 57 73 · 40 73 · 32 73 · 32	77 · 15 77 · 15 77 · 15 77 · 07 77 · 07	73 · 74 73 · 65 73 · 57 73 · 40 73 · 24	71-65 71-65 71-57 71-49 71-49	$72 \cdot 32$ $72 \cdot 32$ $72 \cdot 24$ $72 \cdot 24$ $72 \cdot 15$	71·49 71·40		70·32 70·32 70·24 70·32 70·15	72·90 72·90 72·82 72·65 72·90	71·74 71·74 71·65		69 · 32 69 · 24 69 · 07 68 99 68 · 99
11	73·32 73·57 73·90 73·99 74·24	76-99 76-90 76-82 76-57 76-49	73·15 73·07 72·90 72·74 72·65	71·49 71·49 71·40 71·40 71·40	72.07 71.99 71.90 71.90 71.82	71·40 71·40 71·40		70-07 69-99 69-99 69-99	72·90 72·82 72·74 72·82 72·90	71.57		68-90 68-90 69-24 69-49 69-82
16	74·32 74·40 74·57 74·90 75·24	76·40 76·32 76·24 76·07 75·99	72 · 65 72 · 57 72 · 49 72 · 40 72 · 32	71·32 71·32 71·40 71·40 71·49	71.74 71.65 71.65 71.57 71.49	71 - 24		69·99 70·07 70·15 70·24 70·40	72·99 73·15 73·32 73·40 73·24	71 · 40 71 · 40 71 · 40		69·99 69·90 69·82 69·40 69·24
21	75.57 75.74 75.99 76.32 76.57	75.90 75.90 75.74 75.57 75.40	72·32 72·32 72·32 72·32 72·32 72·24	71.57 71.65 71.82 71.90 71.99	71·40 71·40 71·40 71·57 71·57	71-07 71-07 70-99		70·57 70·82 70·99 71·24 71·57	73·07 72·57 71·99 72·07 71·90	71·40 71·40 71·40		69·07 68·99 68·90 68·90
26	77.24	75 · 24 75 · 15 74 · 99 74 · 82 74 · 74 74 · 57	72 · 15 72 · 07 71 · 99 71 · 90 71 · 74	72·07 72·15 72·24 72·24 72·24 72·24	71.65 71.65 71.65 71.65 71.65 71.65	70·82 70·82		72·01 72·32 72·49 72·49 72·57	71.82 71.82 71.90 71.90 71.90 71.90	71 · 24 71 · 15 71 · 07 71 · 07		68 · 82 68 · 82 68 · 82 68 · 82 68 · 82 68 · 82

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1892–93.

TABLE No. 522.

											nongh
1	69 · 82 70 · 82 71 · 82 72 · 99 73 · 32	72 · 32 72 · 24 72 · 24 72 · 15 72 · 07	72 · 99 72 · 90 72 · 90 72 · 90 72 · 90 72 · 99	73 · 99 73 · 99 73 · 90 73 · 82 73 · 82	71·32 71·34 71·34 71·34 71·35	70·99 70·99 70·90 70·82 70·74	70·82 70·82 70·57 70·65 70·74	70·32 70·32 70·32 70·40 70·40	72.07 71.90 71.99 71.99 71.99 71.99	70·40 70·57 70·57 70·65	$69 \cdot 99$ $70 \cdot 07$ $70 \cdot 07$ $70 \cdot 15$ $70 \cdot 15$
6	73·57 74·24 74·40 74·40 74·40	73 · 07 73 · 07 72 · 99 72 · 90 72 · 99	72 · 99 73 · 07 73 · 07 73 · 07 73 · 07	$\begin{array}{c} 73 \cdot 65 \\ 73 \cdot 49 \\ 73 \cdot 40 \\ 73 \cdot 07 \\ 72 \cdot 90 \end{array}$	$\begin{array}{c} 71 \cdot 15 \\ 71 \cdot 15 \\ 71 \cdot 07 \\ 71 \cdot 07 \\ 70 \cdot 99 \end{array}$	70·65 70·57 70·57 70·57 70·57 70·57	70·82 70·57 70·57 70·57 70·57 70·57	70 · 40 70 · 40 70 · 57 70 · 57 70 · 57	71-99	70 · 74 70 · 74 70 · 74 70 · 82 70 · 90	70 · 15 70 · 24 70 · 24 70 · 24 70 · 24 70 · 24
11	74 · 24 74 · 40 73 · 57 73 · 40 73 · 24	72.99 73.07 73.07 73.07 73.07	73·07 72·99 72·90 72·90 72·90	72 · 82 72 · 65 72 · 57 72 · 32 72 · 32	$\begin{array}{c} 70 \cdot 99 \\ 71 \cdot 24 \end{array}$	70 · 49 70 · 40 70 · 32 70 · 32 70 · 32	70·57 70·57 70·57 70·57 70·57 70·57	70·57 70·57 70·57 70·57 70·57 70·57	71·65	70 · 90 70 · 90 70 · 90 70 · 90 70 · 74	70 · 24 69 · 90 69 · 90 69 · 90 69 · 90
16	72 · 99 72 · 82 72 · 57 72 · 49 72 · 32	73 · 07 72 · 99 72 · 99 72 · 90 72 · 90	$\begin{array}{c} 72\cdot 90 \\ 72\cdot 90 \\ 72\cdot 99 \\ 72\cdot 99 \\ 72\cdot 99 \\ 72\cdot 99 \end{array}$	$\begin{array}{c} 72 \cdot 24 \\ 72 \cdot 07 \\ 71 \cdot 90 \\ 71 \cdot 74 \\ 71 \cdot 65 \end{array}$	71·24 71·24 71·24 71·24 71·24	$\begin{array}{c} 70 \cdot 32 \\ 70 \cdot 32 \end{array}$	70·57 70·49 70·49 70·49 70·40	70·57 70·57 71·40 71·49 71·90	71·32 71·32 71·40 71·40 71·49	70·82 70·57 70·49 70·32 70·15	69·99 69·99 70·07 70·07 70·07
21	$\begin{array}{c} 72 \cdot 15 \\ 72 \cdot 07 \end{array}$	72-90 72-99 73-07 73-07 73-07	73·74 73·82 73·82 73·82 73·74	71 · 65 71 · 65 71 · 57 71 · 57 71 · 57	$71 \cdot 24$	70·32 70·40 70·57 70·57 70·57	70 · 40 70 · 40 70 · 32 70 · 24 70 · 24	$\begin{array}{c} 71 \cdot 90 \\ 72 \cdot 07 \\ 72 \cdot 24 \\ 72 \cdot 40 \\ 72 \cdot 24 \end{array}$	71·57 71·65 71·74 71·82 72·15	70·07 69·90 70·07 70·15 70·24	70·07 70·07 70·07 70·07 70·07
26. 27. 28. 29. 30. 31.	72·07 72·07 72·07 72·15 72·24	73·07 73·07 73·07 72·99 72·99 72·99	73 · 74 73 · 82 73 · 99 74 · 07 74 · 07	71 · 49 71 · 49 71 · 40 71 · 40 71 · 40 71 · 32	71·32 71·32 71·32 71·32 71·32 71·24 71·15	70·57 70·57 70·57 70·57 70·74 70·82	70·24 70·15 70·15 70·24 70·24 70·32	72·15 72·15 72·15 72·15 72·15 71·99	71 · 99 72 · 07 72 · 15 72 · 24 72 · 40 72 · 40		70 · 15 70 · 24 70 · 32 70 · 49 70 · 57 70 · 57

 $\,$ 6 GEORGE V, A. 1916 $\,$ ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1893–94.

										TA	BLE N	o. 523.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4	70·57 70·57 70·99 71·07 71·15	73 · 49 73 · 49 73 · 74 73 · 90 74 · 57	77-57 77-32 77-15 77-07 76-99	73 · 99 73 · 90 73 · 82 73 · 74 73 · 32	71·82 71·82 71·74 71·74 71·74	71·82 71·57 71·49		71-07 71-07 70-99 70-99 70-99	70·65 70·74 70·74 70·65 70·57	70·74 70·82 70·90 70·90 70·90	71 · 15 71 · 15 71 · 24 71 · 24 71 · 32	71·07 70·90 70·74 71·49
6	71 · 24 71 · 57 71 · 65 71 · 90 71 · 99	75·90 76·24 76·40 76·57 76·57	76·90 76·82 76·74 76·74 76·74	73 · 32 73 · 24 73 · 24 73 · 15 73 · 15	71 · 74 71 · 74 71 · 74 71 · 74 71 · 65	70.99 70.99		70·99 70·99 70·99 70·99 70·99	70·57 70·49 70·40 70·32 70·32	70 · 90 70 · 90 70 · 90 70 · 90 70 · 99	71·15 70·99 70·90 70·74 70·57	71·49 71·57 71·82
11	72·15 72·24 72·32 72·32 72·40	76·57 76·57 76·57 76·74 76·82	76 · 65 76 · 65 76 · 57 76 · 40 76 · 24	73 · 07 72 · 99 73 · 07 72 · 99 72 · 90	71 · 65 71 · 65 71 · 57 71 · 57 71 · 32	70·82 70·82 70·74 70·65 70·57		70-99 70-99 70-99 70-90 70-90	70-32 70-32 70-32 70-40 70-57	71 · 07 71 · 15 71 · 24 71 · 32 71 · 32	70·57 70·65 70·74 70·74 70·82	72·07 72·49 72·57 72·90 73·24
16	72·57 72·99 73·07 73·15 73·24	76-99 77-15 78-57 78-07 78-57	75.99 75.82 75.32 75.24 75.07	72 · 82 72 · 74 72 · 74 72 · 74 72 · 65	71·24 71·15 71·15 71·15 71·07	70·49 70·49 70·49 70·49 70·49		70-82 70-74 70-74 70-65 70-65	70·07 70·32 70·57 70·57 70·57	71·32 71·24 71·15 71·07 71·07	70·90 70·99 70·99 70·99 70·82	73·15 73·07 73·07 73·15 73·49
21	73 · 15 73 · 57 73 · 74 73 · 99 73 · 82	78 · 65 78 · 74 78 · 82 78 · 74 78 · 74	74 · 99 74 · 90 74 · 82 74 · 74 74 · 65	72·57 72·57 72·57 72·57 72·57 72·40	71 · 07 70 · 99 70 · 99 70 · 99 71 · 07	70·49 70·49		70 · 65 70 · 65 70 · 65 70 · 65 70 · 65	70-65 70-57 70-57 70-57 70-57	70·99 70·90 70·82 70·82 70·90	70 · 65 70 · 74 70 · 90 70 · 99 71 · 07	73·74 73·99 73·82 73·74 73·57
26	73.57 73.57 73.57 73.49 73.49	78·57 78·32 78·15 77·99 77·82 77·74	74·49 74·40 74·32 74·24 74·07	72·32 72·24 72·15 72·07 71·99 71·99	71.07 70.99 70.90 71.82 71.82 72.32	70 · 24 70 · 32 70 · 40		70·65 70·57 70·57 70·57 70·65	70·57 70·57 70·57 70·65 70·74 70·74		71 · 15 71 · 24 71 · 32	73·40 73·15 72·99 72·74 72·57 72·49

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1894–95.

									TA	BLE No	0. 524.
12345	72·49 72·49 72·49 72·49 72·49	76 · 90 76 · 90 77 · 07 77 · 07 77 · 07	74·74 74·74 74·74 74·74 74·82 74·90	71 · 49 71 · 32 71 · 32 71 · 24 71 · 07	70·07 70·07 70·07 70·07 70·07 70·07	70·07 70·15 70·15 70·24 70·24	71 · 49 71 · 49 71 · 57 71 · 65 71 · 74	71 · 65 70 · 57 70 · 82 70 · 99 71 · 24	71 · 49 71 · 49 71 · 40 71 · 32 71 · 24	70 · 74 70 · 65 70 · 57 70 · 65 70 · 74	70·15 70·15 70·15 70·15 70·15 70·24
6	72·49 72·49 72·49 72·49 72·49	77.07 77.07 76.99 76.99 76.99	74-90 74-90 74-90 74-82 74-74	71 · 07 71 · 07 71 · 09 71 · 09 71 · 09	69 · 99 69 · 99 69 · 90 69 · 82 69 · 74	70·24 70·32 70·32 70·32 70·32	71 · 90 71 · 90 71 · 90 71 · 99 71 · 99	71 · 15 71 · 07 71 · 07 70 · 99 70 · 90	$\begin{array}{c} 71 \cdot 15 \\ 71 \cdot 24 \\ 71 \cdot 32 \\ 71 \cdot 40 \\ 71 \cdot 32 \end{array}$	70·74 70·82 70·82 70·90 70·82	$\begin{array}{c} 70 \cdot 24 \\ 70 \cdot 24 \\ 70 \cdot 15 \\ 70 \cdot 15 \\ 70 \cdot 15 \\ 70 \cdot 15 \end{array}$
11 12 13 14 15	72·49 72·49 72·49 72·49 72·57	76 · 82 76 · 82 76 · 57 76 · 40 76 · 32	74·74 74·32 74·24 74·15 74·07	70·74 70·74 70·74 70·74 70·74	69·74 69·74 69·74 69·74 69·74	$70 \cdot 32$ $70 \cdot 40$ $70 \cdot 40$ $70 \cdot 49$ $70 \cdot 57$	71 · 99 71 · 99 71 · 99 71 · 90 71 · 82	70 · 90 70 · 99 70 · 99 70 · 99 71 · 07	71·24 71·15 71·07 70·90 70·90	70 · 74 70 · 65 70 · 57 70 · 57 70 · 49	70·15 70·15 70·07 70·07 70·07
15	72 · 74 72 · 90 72 · 99 73 · 24 73 · 49	76 · 15 75 · 90 75 · 74 75 · 65 75 · 49	74·07 73·82 73·49 73·49 73·57	70 · 74 70 · 65 70 · 57 70 · 57 70 · 57	69·74 69·74 69·74 69·82 69·99	70 · 65 70 · 74 70 · 90 70 · 99 71 · 24	71 · 82 71 · 82 71 · 74 71 · 65 71 · 57	71 · 07 71 · 07 71 · 15 71 · 24 71 · 24	70·82 70·82 70·74 70·74 70·74	70 · 49 70 · 49 70 · 49 70 · 49 70 · 40	70·07 69·99 69·99 69·90
21	73 · 99 74 · 40 74 · 82 75 · 32 75 · 74	75·32 75·32 75·24 75·15 74·99	73 · 99	70·57 70·57 70·49 70·49 70·49	69-99 69-99 69-99 69-99	71 · 32 71 · 40 71 · 49 71 · 57 71 · 57	71 · 49 71 · 49 71 · 57 71 · 57 71 · 40	71 · 24 71 · 24 71 · 32 71 · 32 71 · 32	70·82 70·82 70·74 70·74 70·82	70 · 40 70 · 40 70 · 32 70 · 32 70 · 24	69 · 90 69 · 82 69 · 82 69 · 82 69 · 82
26 27 28 29 30 31	75 · 99 76 · 24 76 · 57 76 · 74 76 · 90	74 · 99 74 · 99 74 · 90 74 · 90 74 · 82 74 · 74	73·90 73·82 73·90 73·90 73·90	70-49 70-40 70-40 70-32 70-24 70-15	70·07 70·15 70·07 70·07 70·07	71·57 71·57 71·49 71·49 71·49 71·49	71 · 40 71 · 49 71 · 57 71 · 74 71 · 65	$\begin{array}{c} 71 \cdot 32 \\ 71 \cdot 40 \\ 71 \cdot 40 \\ 71 \cdot 40 \\ 71 \cdot 49 \\ 71 \cdot 49 \\ 71 \cdot 49 \end{array}$		70·24 70·15 70·15	69·82 69·82 69·82 69·90 69·99 69·99

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1895-96.

	1			1								
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70 · 07 70 · 07 70 · 07 70 · 07 70 · 15 70 · 24	75·49 75·40 74·99 74·57 74·90	74 · 15 74 · 15 74 · 24 74 · 32 74 · 32	72·74 72·57 72·49 72·40 72·32	70 · 74 70 · 65 70 · 65 70 · 65 70 · 57	70 · 74 70 · 74 70 · 82 70 · 65 70 · 57	69·99 69·99 69·90 69·90	69 · 65 69 · 65 69 · 65 69 · 65 69 · 65	70 · 57 70 · 57 70 · 57 70 · 57 70 · 57	73 · 15 73 · 15 73 · 24 73 · 24 73 · 24	71·82 71·74 71·74 71·74 71·65	71.07 71.07 71.07 71.07 71.07 71.07
6	70·32 70·99 71·49 71·99 72·57	75·07 75·32 75·57 75·74 75·90	74·32 74·40 74·32 74·32 74·32	72·24 72·15 71·99 71·90 71·82	70·57 70·57 70·57 70·57 70·57	70·57 70·49 70·49 70·40 70·40	69-90 69-90 69-90 69-90	69-65 69-65 69-82 69-82 69-90	70·57 70·57 70·57 70·57 70·57	73 · 32 73 · 32 73 · 40 73 · 40 73 · 40	71 · 65 71 · 65 71 · 57 71 · 57 71 · 57	71·15 71·15 71·15 71·15 71·15 71·15
11	73 · 49 73 · 57 73 · 49 73 · 74 73 · 99	76.07 76.07 76.15 76.15 76.15	74 · 32 74 · 32 74 · 32 74 · 24 74 · 15	71·74 71·65 71·57 71·57 71·49	70 · 65 70 · 65 70 · 65 70 · 65 70 · 74	70 · 40 70 · 40 70 · 40 70 · 40 70 · 40 70 · 40	69 · 99 69 · 99 69 · 90 · 69 · 90	69 · 99 69 · 90 69 · 90 70 · 07 70 · 15	70·57 70·57 70·57 70·57 70·57	73 · 40 73 · 24 72 · 99 72 · 74 72 · 65	71·57 71·57 71·49 71·49 71·49	71 · 15 71 · 15 71 · 15 71 · 15 71 · 15 71 · 15
16. 17. 18. 19.	74 · 32 74 · 57 74 · 57 74 · 74 74 · 57	75·90 75·82 75·74 75·57 75·40	74 · 07 73 · 90 73 · 90 73 · 82 73 · 82	71 · 49 71 · 40 71 · 40 71 · 40 71 · 32	70 · 74 70 · 82 70 · 82 70 · 90 70 · 90	70 · 40 70 · 40 70 · 40 70 · 40 70 · 32	69 · 90 69 · 82 69 · 82 69 · 82 69 · 82	$\begin{array}{c} 70 \cdot 15 \\ 70 \cdot 24 \\ 70 \cdot 24 \\ 70 \cdot 32 \\ 70 \cdot 32 \end{array}$	$70 \cdot 57$ $70 \cdot 57$ $70 \cdot 49$ $70 \cdot 40$ $70 \cdot 24$	$\begin{array}{c} 72 \cdot 57 \\ 72 \cdot 49 \\ 72 \cdot 49 \\ 72 \cdot 49 \\ 72 \cdot 49 \\ 72 \cdot 40 \end{array}$	71 · 49 71 · 49 71 · 40 71 · 40 71 · 32	71 · 24 71 · 24 71 · 24 71 · 15 71 · 07
21	74-65 74-65 74-74 74-90 75-15	75 · 24 75 · 07 74 · 90 74 · 74 74 · 57	73 · 82 73 · 57 73 · 49 73 · 32 73 · 24	$\begin{array}{c} 71 \cdot 24 \\ 71 \cdot 15 \\ 71 \cdot 15 \\ 71 \cdot 07 \\ 71 \cdot 07 \end{array}$	70·90 70·82 70·82 70·82 70·90	$\begin{array}{c} 70 \cdot 32 \\ 70 \cdot 32 \\ 70 \cdot 24 \\ 70 \cdot 15 \\ 70 \cdot 15 \end{array}$	69·82 69·74 69·65 69·65 69·65	70 · 24 70 · 24 70 · 24 70 · 24 70 · 15	70 · 40 70 · 57 70 · 74 70 · 57 70 · 32	$72 \cdot 32$ $72 \cdot 24$ $72 \cdot 15$ $72 \cdot 07$ $71 \cdot 99$	71·32 71·24 71·24 71·15 71·15	70 · 99 70 · 99 70 · 90 70 · 90 70 · 90
26 27 28 29 30 31	75·32 75·40 75·40 75·49 75·49	74·49 74·32 74·24 74·24 74·15 74·24	73 · 15 73 · 07 72 · 99 72 · 99 72 · 90	70 · 99 70 · 99 70 · 90 70 · 99 70 · 82 70 · 82	70·99 70·99 70·99 70·99 70·99 70·99	70·15 70·07 70·07 69·99 69·99	69 · 65 69 · 65 69 · 65 69 · 65 69 · 65 69 · 65	70 · 24 70 · 32 70 · 49 70 · 57 70 · 65	$\begin{array}{c} 70 \cdot 15 \\ 71 \cdot 24 \\ 72 \cdot 40 \\ 72 \cdot 57 \\ 72 \cdot 82 \\ 73 \cdot 15 \end{array}$	71 · 82 71 · 74 71 · 65 71 · 65 71 · 74 71 · 82	71.07 71.07 71.07 71.15	$\begin{array}{c} 70\cdot 82 \\ 70\cdot 74 \\ 70\cdot 65 \\ 70\cdot 82 \\ 71\cdot 15 \\ 71\cdot 49 \end{array}$

ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1896-97.

TABLE No. 526. 71 · 15 71 · 07 71 · 07 70 · 99 73 · 74 73 · 65 73 · 57 73 · 57 73 · 57 72 · 07 71 · 99 71 · 90 71 · 90 71 · 90 71 · 24 71 · 15 71 · 07 71 · 07 71 · 07 71 · 07 70·32 70·40 70·49 70·49 70·57 70·57 70·65 70·82 72 · 85 72 · 85 72 · 74 72 · 65 70-40 $71 \cdot 65$ $71 \cdot 57$ $71 \cdot 49$ $71 \cdot 40$ $71 \cdot 32$ $76 \cdot 74$ $76 \cdot 57$ $76 \cdot 32$ 70·40 70·40 70·40 70·40 70 · 24 70 · 24 70 · 24 76.40 70.40 70.99 70.49 $\begin{array}{c} 71 \cdot 24 \\ 71 \cdot 49 \\ 71 \cdot 65 \\ 71 \cdot 82 \\ 71 \cdot 90 \end{array}$ 72 · 40 72 · 40 72 · 32 72 · 32 70.99 76 · 32 76 · 24 76 · 24 73 · 57 73 · 57 73 · 57 71 · 90 71 · 90 71 · 90 71.07 71.07 $70 \cdot 32$ $70 \cdot 24$ 70 · 40 70 · 49 $70 \cdot 24$ $70 \cdot 24$ $70 \cdot 15$ 71.07 71.24 71.32 71.74 $71 \cdot 24$ $71 \cdot 15$ $71 \cdot 07$ $76 \cdot 24$ $76 \cdot 15$ $73 \cdot 65$ $73 \cdot 74$ $71 \cdot 90$ $71 \cdot 90$ 9..... 70.90 70.07 11..... 12.... 13.... $72 \cdot 15$ 70 · 74 70 · 74 70 · 74 $\begin{array}{c} 71 \cdot 99 \\ 72 \cdot 15 \\ 72 \cdot 32 \\ 72 \cdot 32 \end{array}$ 72 · 24 72 · 15 72 · 15 72 · 07 $76\cdot 15$ $73\cdot 82$ $71 \cdot 90$ $70 \cdot 99$ 73 · 90 73 · 82 71.90 71.90 71.90 14 15 73 · 57 74 · 57 70.74 73 · 65 73 · 65 73 · 49 73 · 32 73 · 32 16.. 75.65 75.74 $71 \cdot 90$ $71 \cdot 82$ $71 \cdot 82$ 70.74 $72 \cdot 49$ $72 \cdot 49$ $72 \cdot 49$ 71-99 71-90 $71 \cdot 24$ $71 \cdot 24$ $71 \cdot 24$ $71 \cdot 24$ 76.65 76.90 77.15 71 · 74 71 · 57 70 · 65 70 · 57 74-99 $70 \cdot 49$ 77 · 32 77 · 49 78 · 24 77 · 90 21. 22. 23. 73 · 24 73 · 15 73 · 07 72 · 90 71 · 57 71 · 57 71 · 57 71 · 57 $\begin{array}{c} 71 \cdot 49 \\ 71 \cdot 32 \\ 71 \cdot 40 \\ 71 \cdot 49 \\ 71 \cdot 49 \end{array}$ $74 \cdot 65$ 70 · 57 70 · 57 70·07 70·15 70·24 70·57 70·65 70·74 71.65 71.65 71.57 74 · 57 74 · 40 70.49 70-40 70 · 24 71 · 99 72 · 40 70·74 70·74 $70 \cdot 49$ 77.57 77.32 76.90 77.07 $\begin{array}{c} 72 \cdot 49 \\ 72 \cdot 32 \\ 72 \cdot 32 \\ 72 \cdot 24 \end{array}$ 73.99 70 · 74 70 · 74 70 · 74 70 · 74 70 · 74 70 · 57 70 · 49 70 · 49 71 · 49 71 · 40 70·49 70·40

6 GEORGE V, A. 1916 ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1897–98.

				-								
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	71 · 99 72 · 24 72 · 24 72 · 49 72 · 57	77-15 77-15 77-15 77-49 77-32	75·99 75·65 75·49 74·99 75·24	73·15 73·07 72·99 72·82 72·74	71·49 71·49 71·49 71·40 71·32	71·15 71·15 71·07 71·07 70·99	69 · 99 69 · 99 69 · 90 69 · 90	70-49 70-57 70-57 70-57 70-57	70·57 70·57 70·57 70·49 70·40	71·07 70·90 70·99 71·07 71·15	70.65 70.65 70.57 70.49 70.40	70 · 65 70 · 57 70 · 57 70 · 49 70 · 40
6	72 · 74 72 · 90 72 · 90 72 · 82 72 · 82	77.32 77.24 77.32 77.24 77.15	75·07 74·90 74·90 74·74 74·74	72 · 65 72 · 57 72 · 49 72 · 40 72 · 15	71·32 71·24 71·07 71·07 71·07	70·90 70·82 70·82 70·82 70·57	69 · 90 69 · 90 69 · 82 69 · 82 69 · 74	70·57 70·57 70·57 70·57 70·65	70·40 70·24 70·24 70·40 70·32	71 · 15 70 · 90 70 · 82 70 · 65 70 · 65	70·40 70·40 70·32 70·32 70·32	70·32 70·32 70·24 70·24 70·15
11	72·74 72·57 72·57 72·49 72·49	77 · 07 76 · 99 76 · 82 76 · 74 76 · 65	74 · 74 74 · 74 74 · 74 74 · 74 74 · 82	$72 \cdot 15$ $72 \cdot 24$ $72 \cdot 15$ $72 \cdot 15$ $72 \cdot 07$	71.07 71.07 71.07 71.07 71.07	70·57 70·57 70·57 70·49 70·49	69·74 69·82 69·82 69·65 69·82	70 · 65 70 · 65 70 · 57 70 · 57 70 · 49	70 · 40 70 · 49 70 · 74 70 · 74 71 · 07	70 · 65 70 · 65 70 · 74 70 · 74 70 · 74	70·15 70·15 70·07 70·15 70·32	70·15 70·15 70·65 72·65 73·82
16	72·57 72·74 72·90 73·07 73·24	76·57 76·49 76·82 76·07 76·07	74 · 74 74 · 65 74 · 57 74 · 49 74 · 24	71 · 99 71 · 82 71 · 82 71 · 74 71 · 65	71.07 71.07 71.07 71.07 71.15	70·49 70·40 70·32 70·32 70·24	69 · 74 69 · 90 69 · 74 69 · 74 69 · 74	70-49 70-57 70-57 70-49 70-57	71·57 71·74 71·74 71·57 71·49	70·74 70·57 70·65 70·49 70·49	70·32 70·40 70·40 70·49 70·57	74 · 74 74 · 82 75 · 24 75 · 40 75 · 49
21	73 · 40 73 · 40 73 · 32 73 · 24 73 · 57	75 · 99 76 · 07 76 · 15 76 · 32 76 · 40	74 · 07 73 · 90 73 · 82 73 · 74	71·57 71·57 71·57 71·49 71·40	71·15 71·24 71·24 71·24 71·24	70 · 24 70 · 15 70 · 15 70 · 07 70 · 07	69 · 82 69 · 90 70 · 07 70 · 07 70 · 15	70·57 70·57 70·57 70·57 70·40	71·49 71·49 71·32 71·15 71·15	70·49 70·40 70·40 70·49 70·57	70·57 70·74 71·15 71·24 71·15	75·40 75·15 74·99 74·65 74·40
26	73 · 90 75 · 07 75 · 49 76 · 07 76 · 57	76·49 76·57 76·57 76·40 76·40 76·32	73-65 73-57 73-57 73-49 73-24	71·40 71·32 71·32 71·40 71·40 71·49	71·24 71·24 71·32 71·32 71·24 71·24	70 · 07 70 · 07 70 · 07 70 · 07 70 · 07 70 · 07	70 · 24 70 · 24 70 · 32 70 · 40 70 · 40 70 · 40	70·49 70·49 70·57 70·57 70·57	71·15 71·24 71·15 71·24 71·32 71·24		71 · 07 70 · 90 70 · 74	74·24 74·07 74·07 74·65 74·74 74·74

ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1898-99.

TABLE No. 528. 74 · 57 74 · 32 74 · 24 74 · 07 74 · 07 71 · 32 71 · 15 71 · 07 71 · 07 71 · 07 73 · 99 73 · 99 73 · 82 73 · 90 71 · 65 71 · 57 71 · 65 74 · 15 74 · 07 74 · 07 $73 \cdot 32$ $73 \cdot 32$ $73 \cdot 32$ 70.65 70.57 72-49 70.90 70.90 72 · 49 72 · 49 72 · 49 72 · 40 72 · 24 70-90 70.9970-90 70-90 71 · 49 71 · 57 70.99 $73 \cdot 99 \\ 73 \cdot 90$ 73 · 24 73 · 24 70-90 69-99 $73 \cdot 90$ 73.82 73.65 73.57 73.57 73 · 82 73 · 74 73 · 49 73 · 49 73 · 32 70·82 70·74 70·82 $73 \cdot 15$ $73 \cdot 07$ $72 \cdot 99$ 71 · 07 70 · 99 70 · 99 70.65 70.65 71.65 70.90 60.00 73 · 82 73 · 65 73 · 57 73 · 24 70.99 70·07 70·24 70·24 70.65 70.65 70.99 72.90 70.74 70.99 73 · 40 73 · 49 73 · 40 73 · 32 73 · 24 72 · 07 72 · 07 71 · 99 71 · 99 73 · 07 73 · 07 72 · 90 72 · 90 72 · 90 $\substack{73 \cdot 15 \\ 73 \cdot 07 \\ 73 \cdot 07}$ 70 - 74 70 · 57 70 · 57 70 · 57 $70 \cdot 99$ $71 \cdot 07$ $70 \cdot 99$ $70 \cdot 99$ 72·40 72·32 70.65 70.82 70-57 70.65 72 · 24 72 · 07 72 · 07 72 · 07 70 · 57 70 · 57 70 · 57 70 · 57 72 · 90 72 · 96 73 · 07 73 · 07 73 · 15 73 · 15 73 · 15 73 · 07 72 · 99 73 · 07 73 · 07 73 · 07 72 · 99 $71 \cdot 99$ $71 \cdot 24$ $71 \cdot 15$ $70 \cdot 99$ 70 · 49 70 · 49 71-99 71 · 99 71 · 90 71 · 82 71 · 82 71 · 74 71 · 24 71 · 32 71 · 57 71 · 90 71 · 07 71 · 07 70 · 90 70 · 82 73 · 57 73 · 65 73 · 74 73 · 82 73 · 82 72 · 90 72 · 90 72 · 90 73 · 07 73 · 07 72 · 82 72 · 65 72 · 57 70.57 72·40 72·40 70.65 71 · 99 71 · 99 72 · 24 72 · 40 72 · 49 72 · 49 73 · 99 73 · 99 73 · 99 74 · 07 74 · 07 73 · 32 73 · 57 73 · 82 73 · 90 74 · 24 74 · 24 72 · 40 72 · 40 72 · 57 72 · 90 73 · 07 71.07 70.9971 · 65 71 · 57 71 · 49 70-90 70.65 70 · 82 70 · 90 70 · 90 70-40 70·90 70·82 70 - 99

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1899-1900.

							-			17	IDLE P	10. 329.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70·32 70·24 70·24 70·24 70·24	77-49 77-74 78-15 78-40 78-57	75 · 65 75 · 82 75 · 82 75 · 82 75 · 82 75 · 82	73·07 72·90 72·74 72·74 72·65	71-99 71-99 71-99 71-99 71-99	70 · 49 70 · 40 70 · 40 70 · 40 70 · 32	71 · 07 71 · 57 71 · 74 71 · 82 71 · 82	71 · 07 71 · 15 71 · 24 71 · 24 71 · 24	70 · 57 70 · 57 70 · 57 70 · 57 70 · 65	71·57 71·57 71·49 71·57 71·40	70 · 90 70 · 90 70 · 90 70 · 82 70 · 82	71·40 71·74 72·15 72·40 72·49
6	70 · 24 70 · 24 70 · 32 70 · 65 70 · 99	78 · 74 78 · 90 78 · 90 78 · 90 78 · 82	75·82 75·65 75·57 75·49 75·32	72 · 65 72 · 49 72 · 57 72 · 82 73 · 24	71 · 90 71 · 82 71 · 82 71 · 65 71 · 40	70 · 32 70 · 24 70 · 24 70 · 15 70 · 15	71 · 90 71 · 82 71 · 82 71 · 74 71 · 57	71 · 32 71 · 32 71 · 24 71 · 15 71 · 15	70 · 65 70 · 65 70 · 65 70 · 57 71 · 07	71 · 32 71 · 24 71 · 07 71 · 07 71 · 07	70 · 82 70 · 82 70 · 82 70 · 90 70 · 82	72·57 72·32 72·07 71·90 71·65
11	71·32 71·57 71·90 72·57 73·32	78 · 57 78 · 49 78 · 32 78 · 07 77 · 82	75·32 75·15 74·90 73·82 74·57	73 · 32 73 · 32 73 · 32 73 · 32 73 · 32	71 · 32 71 · 32 71 · 32 71 · 24 71 · 15	70·07 70·07 70·07 69·99 69·99	71 · 57 71 · 49 71 · 32 71 · 24 71 · 15	70 · 99 70 · 99 70 · 90 70 · 82 70 · 82	71·57 71·74 71·90 71·99 71·82	71 · 15 71 · 24 71 · 24 71 · 24 70 · 99	70 · 90 70 · 90 70 · 90 71 · 65 71 · 99	71·49 71·32 71·32 71·15 71·15
16	74·07 74·74 74·90 75·07 75·24	77 · 65 77 · 32 76 · 99 76 · 90 76 · 65	74 · 40 74 · 24 74 · 24 74 · 07 73 · 90	73 · 32 73 · 24 73 · 07 73 · 07 72 · 90	71 · 15 70 · 99 70 · 90 70 · 90 70 · 90	69 · 90 69 · 90 69 · 90 69 · 99	71 · 15 71 · 07 70 · 99 70 · 99 70 · 99	70 · 74 70 · 74 70 · 74 70 · 74 70 · 74	71 · 65 71 · 65 71 · 82 71 · 90 71 · 90	70·99 70·99 70·99 70·99 70·82	72·07 72·07 71·90 71·74 71·65	71 · 24 71 · 24 71 · 24 71 · 15 71 · 07
21 22 23 24 25	75·57 75·90 76·07 76·32 76·32	76·40 76·24 76·07 75·90 75·74	73 · 90 73 · 82 73 · 65 73 · 65 73 · 65	72 · 65 72 · 57 72 · 15 72 · 32 72 · 24	70 · 74 70 · 74 70 · 74 70 · 74 70 · 74	69 · 99 69 · 99 69 · 99 69 · 99	70 · 99 70 · 99 70 · 99 70 · 99 71 · 07	70 · 65 70 · 65 70 · 65 70 · 65 70 · 65	71 · 90 71 · 82 71 · 82 71 · 74 71 · 65	70 · 82 70 · 90 70 · 82 70 · 82 70 · 82	71·57 71·40 71·57 71·15 71·15	70 · 90 70 · 90 70 · 82 70 · 82 70 · 82
26	76·32 76·57 76·74 76·99 77·24	75·49 75·40 75·32 75·32 75·32 75·57	73·40 73·40 73·24 73·24 73·24	72 · 24 72 · 24 72 · 15 72 · 07 72 · 07 72 · 07 72 · 07	70 · 74 70 · 65 70 · 49 70 · 49 70 · 49 70 · 49	70·07 70·24 70·57 70·82 70·74	70·99 70·99 70·99 70·99 71·15 71·07	70 · 65 70 · 57 70 · 57 70 · 57 70 · 57 70 · 57	71 · 65 71 · 57 71 · 57 71 · 65 71 · 65 71 · 65	70 · 82 70 · 99 70 · 99 70 · 90 70 · 90 70 · 90	71·15 71·49 71·40	70 · 99 70 · 82 70 · 82 70 · 82 70 · 74 70 · 74

ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1900-01.

TABLE No. 530 70 · 82 70 · 99 71 · 49 71 · 82 72 · 24 76 · 15 75 · 90 75 · 74 75 · 57 75 · 49 73·57 73·74 73·99 74·15 71 · 74 71 · 74 71 · 82 71 · 82 72 · 07 72 · 99 72 · 90 72 · 90 72 · 82 71 · 24 71 · 24 71 · 15 71 · 15 71 · 32 71 · 32 71 · 24 71 · 15 $72 \cdot 15$ $71 \cdot 99$ $71 \cdot 99$ $71 \cdot 99$ $71 \cdot 99$ $71 \cdot 32$ $71 \cdot 32$ $71 \cdot 32$ 70 · 90 70 · 90 70 - 65 70 · 15 70 · 07 70 · 65 70 · 74 74.07 72.74 69.99 72 · 90 73 · 40 73 · 90 74 · 32 74 · 24 72 · 15 72 · 32 72 · 40 72 · 49 71 · 15 71 · 15 71 · 24 71 · 24 71 · 24 71 · 99 71 · 90 71 · 82 71 · 82 71 · 74 $72 \cdot 65$ 71·32 71·32 71·32 $70.90 \\ 70.90$ 70.8260.82 73 · 90 73 · 90 73 · 74 73 · 74 70 · 99 70 · 90 70 · 90 $72\cdot 65$ 70 - 90 69.90 70.90 70.9070.9610 72.65 69.90 73 · 90 73 · 65 73 · 40 73 · 15 73 · 07 71 · 32 71 · 40 71 · 57 71 · 57 71 · 65 71 · 24 71 · 24 71 · 24 71 · 15 71 · 74 71 · 57 71 · 57 71 · 57 73 · 65 73 · 57 73 · 49 $72 \cdot 65 \\ 72 \cdot 99 \\ 72 \cdot 99$ 72 · 65 72 · 57 72 · 49 75.07 $70 \cdot 82$ 70 · 90 70 · 82 70 · 74 70 · 74 70 · 74 70 · 90 70 · 90 69-90 74.99 72 · 40 72 · 32 70 - 90 69 - 90 72 · 99 72 · 99 73 · 15 73 · 74 74 · 24 74·57 74·57 74·57 74·65 74·57 72·32 72·24 72·24 72·15 72·07 71 · 57 71 · 40 71 · 15 71 · 15 70 · 82 70 · 82 70 · 82 70 · 82 16. 17. 18 73 · 07 72 · 99 72 · 90 73 - 15 70.8271 · 65 71 · 65 69.99 73 · 45 73 · 90 74 · 15 74 · 07 71.65 71.65 71.57 $71 \cdot 15 \\ 71 \cdot 24 \\ 71 \cdot 49$ 69.90 72.90 72.74 69.82 20. 70.9969-90 74 · 82 75 · 07 75 · 40 75 · 82 76 · 07 74 · 57 74 · 49 74 · 40 74 · 32 72·57 72·49 72·40 72·32 73 · 90 73 · 57 71.07 71.07 71.15 71.24 71.24 $\begin{array}{c} 71 \cdot 74 \\ 72 \cdot 49 \\ 72 \cdot 57 \\ 72 \cdot 74 \\ 72 \cdot 74 \end{array}$ 71.99 $71 \cdot 57$ $71 \cdot 49$ $71 \cdot 40$ $71 \cdot 15 \\ 71 \cdot 07$ 70·82 70·82 $70 \cdot 24$ $70 \cdot 24$ 69 - 90 71.82 71.90 71.82 71.74 70 · 99 71 · 07 71 · 07 70 · 82 70 · 82 70 · 82 $73 \cdot 49$ 24 25 73 · 40 73 · 40 71.40 71.4074 - 15 69 - 90 76-40 76-32 76-32 76-32 76-32 73·24 73·15 $\begin{array}{c} 71 \cdot 32 \\ 71 \cdot 32 \end{array}$ 70 · 82 70 · 82 70 · 74 70 · 74 70 · 74 70 · 82 74.15 $72 \cdot 15$ $72 \cdot 15$ $71 \cdot 99$ $72 \cdot 65$ 71.07 70.99 70.9969 - 90 73 · 99 73 · 90 73 · 82 73 · 65 73 · 65 $72 \cdot 49$ $72 \cdot 32$ 71.99 71.9971·49 71·49 70 · 99 71 · 07 71 · 24 70 - 90 70 - 90 71 - 40

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1901–02.

											ABLE .	.40. 551.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	71 · 24 71 · 24 71 · 40 71 · 74 72 · 74	76·74 76·74 76·74 76·74 76·74	74 · 24 74 · 32 74 · 49 74 · 57 74 · 74	72 · 40 72 · 24 72 · 15 71 · 99 71 · 90	70·82 70·74 70·74 70·65 70·57	70 · 24 70 · 24 70 · 24 70 · 24 70 · 24 70 · 15	69·24 69·24 69·32 69·24 69·24	69·82 69·99 69·99 69·90	70 · 24 70 · 15 70 · 15 70 · 15 70 · 15	70 · 99 71 · 15 71 · 15 71 · 24 71 · 49	70 · 99 70 · 99 70 · 99 70 · 90 70 · 90	70·07 70·90 71·57 71·65 71·90
6. 7. 8. 9. 10.	73 · 49 74 · 15 75 · 07 75 · 49 75 · 90	76.57 76.40 76.32 76.07 75.90	74 · 74 74 · 74 74 · 74 74 · 74 74 · 65	71 · 82 71 · 74 71 · 74 71 · 74 71 · 74	70·57 70·57 70·57 70·57 70·57	70·15 70·15 70·15 70·07 69·99	69·32 69·49 69·40 69·49	69 · 99 69 · 99 69 · 99 69 · 90	70·07 70·07 69·99 69·99 69·99	71 · 49 71 · 40 71 · 24 71 · 24 71 · 32	70·82 70·74 70·74 70·65 70·57	71.90 71.90 71.82 71.74 71.74
11	76-07 75-74 75-65 75-49 75-57	75.82 75.74 75.74 75.57 75.49	74 · 65 74 · 57 74 · 40 74 · 24 74 · 15	71 · 65 71 · 57 71 · 49 71 · 40 71 · 32	70 · 49 70 · 49 70 · 49 70 · 49 70 · 40	69 · 99 69 · 99 69 · 99 69 · 90 69 · 82	69·57 69·49 69·49 69·57 69·57	69·90 69·99 70·07 70·07 70·15	69 · 90 69 · 90 69 · 90 69 · 90 70 · 57	71 · 24 71 · 15 71 · 07 70 · 99 70 · 99	70 · 49 70 · 49 70 · 49 70 · 49 70 · 49	71.57 71.65 72.24
16	75·74 75·32 74·99 75·07 75·24	75·15 75·15 75·07 74·99 74·99	73 · 90 73 · 74 73 · 57 73 · 49 73 · 32	71 · 24 71 · 15 71 · 15 71 · 07 70 · 99	70 · 32 70 · 32 70 · 24 70 · 15 70 · 15	69 · 82 69 · 82 69 · 82 69 · 74 69 · 65	69·57 69·74 69·82 69·90 69·99	70 · 15 70 · 15 70 · 15 70 · 07 70 · 07	71 · 15 71 · 32 71 · 49 71 · 49 71 · 40	70·82 70·74 70·74	70·49 71·40 70·99 71·57 70·32	74 · 15 74 · 32
21 22 23 24 25	75 · 49 75 · 74 76 · 40 76 · 65 76 · 82	74 · 99 75 · 07 75 · 07 74 · 99 74 · 90	73 · 15 73 · 07 72 · 99 72 · 99 72 · 90	70·99 70·90 70·90 70·82 70·82	70·15 70·15 70·15 70·15 70·24	69 · 57 69 · 57 69 · 49 69 · 49 69 · 49	69.99	70·07 70·07 70·07 70·15 70·24	71 · 32 71 · 32 71 · 32 71 · 40 71 · 32	70.82	70 · 49 70 · 40 70 · 40 70 · 32 70 · 32	74 · 24 74 · 49 74 · 74
26	77 · 07 76 · 99 76 · 90 76 · 82 76 · 74	74 · 82 74 · 74 74 · 65 74 · 57 74 · 40 74 · 32	72 · 90 72 · 82 72 · 74 72 · 65 72 · 57	70 - 90	70 · 24 70 · 24 70 · 24 70 · 15 70 · 15 70 · 24		69 · 82 69 · 82 69 · 82 69 · 82 69 · 99 69 · 82	70.32	71 · 24 71 · 15 71 · 07 71 · 07 71 · 07 70 · 99	70 · 82 70 · 82 70 · 90 71 · 07		74.82

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1902–03.

										,		
										Т	ABLE 1	No. 532.
1	75.57 75.90 75.82 75.74 75.57	74 · 65 74 · 90 75 · 07 75 · 07 75 · 24	$74 \cdot 15 \\ 74 \cdot 24 \\ 74 \cdot 32 \\ 74 \cdot 49 \\ 74 \cdot 49$	73 · 24 73 · 24 73 · 24 73 · 15 73 · 15	71-90 71-90 71-90 71-90 71-90	70 · 82 70 · 74 70 · 74 70 · 65 70 · 57	70 · 40 70 · 40 70 · 40 70 · 40 70 · 40 70 · 40	70 - 99 70 - 99 70 - 99 71 - 07 71 - 07	72 · 65 72 · 65 72 · 57 72 · 57 72 · 57	71 · 57 71 · 57 71 · 57 71 · 40 71 · 24	70·82 70·90 70·99 70·99 71·07	71.07 71.24 71.57 71.65 71.74
6	75·49 75·32 75·15 75·15 75·15	$\begin{array}{c} 75 \cdot 24 \\ 75 \cdot 24 \end{array}$	$\begin{array}{c} 74 \cdot 40 \\ 74 \cdot 40 \end{array}$	73·15 73·07 73·07 72·90 72·82	71 · 90 71 · 90 71 · 82 71 · 82 71 · 74	70 · 49 70 · 24 70 · 40 70 · 40 70 · 40	70 · 40 70 · 49 70 · 49 70 · 49 70 · 49	$71 \cdot 15$ $71 \cdot 15$ $71 \cdot 24$ $71 \cdot 24$ $71 \cdot 24$	$\begin{array}{c} 72 \cdot 65 \\ 72 \cdot 57 \\ 72 \cdot 49 \\ 72 \cdot 40 \\ 72 \cdot 40 \end{array}$	$\begin{array}{c} 71 \cdot 24 \\ 71 \cdot 24 \end{array}$	70 · 99 70 · 99 70 · 09 70 · 99 70 · 99	71 · 65 71 · 49 71 · 49 71 · 49 71 · 74
11 12 13 14 15	74 · 82 74 · 82 74 · 82 74 · 82 74 · 74	$\begin{array}{c} 75 \cdot 24 \\ 75 \cdot 15 \\ 75 \cdot 15 \\ 75 \cdot 15 \\ 75 \cdot 15 \\ 74 \cdot 99 \end{array}$	74 · 40 74 · 40 74 · 32 74 · 24 74 · 24	72 · 74 72 · 65 72 · 57 72 · 49 72 · 49	71.65 71.57 71.49 71.49 71.49	70 · 40 70 · 40 70 · 40 70 · 40 70 · 32	$70 \cdot 49$	71 · 32 71 · 57 71 · 65 71 · 82 71 · 90	$\begin{array}{c} 72 \cdot 24 \\ 72 \cdot 15 \end{array}$	$\begin{array}{c} 71 \cdot 24 \\ 71 \cdot 24 \end{array}$	71 · 15 71 · 15 71 · 07 71 · 07 71 · 15	72 · 07 72 · 57 73 · 40 73 · 65 73 · 65
16	74 · 65 74 · 65 74 · 65 74 · 57 74 · 57	74 · 82 74 · 82 74 · 74 74 · 57 74 · 49	$\begin{array}{c} 74 \cdot 24 \\ 74 \cdot 07 \\ 73 \cdot 99 \\ 73 \cdot 90 \\ 73 \cdot 74 \end{array}$	$\begin{array}{c} 72 \cdot 49 \\ 72 \cdot 40 \\ 72 \cdot 40 \\ 72 \cdot 32 \\ 72 \cdot 32 \\ \end{array}$	$\begin{array}{c} 71 \cdot 40 \\ 71 \cdot 32 \\ 71 \cdot 32 \\ 71 \cdot 24 \\ 71 \cdot 24 \end{array}$	70 · 32 70 · 40 70 · 40 70 · 49 70 · 57	70 · 57 70 · 65 70 · 65 70 · 65 70 · 74	71 · 90 71 · 99 72 · 07 72 · 24 72 · 32	$\begin{array}{c} 72 \cdot 15 \\ 72 \cdot 24 \\ 72 \cdot 07 \\ 71 \cdot 90 \\ 71 \cdot 82 \end{array}$	71 · 24 71 · 15 71 · 07 71 · 07 71 · 15	$\begin{array}{c} 71 \cdot 24 \\ 70 \cdot 24 \\ 70 \cdot 24 \\ 70 \cdot 32 \\ 70 \cdot 32 \end{array}$	73 · 65 73 · 74 73 · 90 74 · 40 75 · 07
21 22 23 24 25	74 · 49 74 · 32 74 · 32 74 · 32 74 · 24	74 · 24 74 · 07 74 · 07 73 · 99 73 · 99	73 · 57 73 · 49 73 · 40 73 · 40 73 · 40	$\begin{array}{c} 72 \cdot 32 \\ 72 \cdot 32 \\ 72 \cdot 24 \\ 72 \cdot 15 \\ 72 \cdot 15 \end{array}$	71 · 24 71 · 24 71 · 24 71 · 15 71 · 07	70·57 70·57 70·57 70·65 70·57	70 · 82 70 · 99 70 · 99 70 · 99 70 · 99	72 · 40 72 · 40 72 · 49 72 · 57 72 · 65	71 · 74 71 · 82 71 · 82 71 · 74 71 · 74	71 · 15 71 · 15 71 · 07 71 · 07 71 · 07	70 · 40 70 · 40 70 · 49 71 · 49 71 · 40	75 · 32 75 · 32 75 · 49 75 · 74 75 · 82
26. 27. 28. 29. 30.	74 · 24 74 · 32 74 · 65 74 · 49 74 · 49	73.99 73.99 73.99 74.07 74.15 74.15	73 · 40 73 · 40 73 · 40 73 · 32 73 · 24	72 · 15 72 · 07 72 · 07 71 · 99 71 · 90 71 · 90	71.07 71.07 70.99 70.99 70.90 70.82	70 · 57 70 · 57 70 · 57 70 · 49 70 · 40	70 · 99 70 · 99 70 · 99 70 · 99 70 · 90 70 · 90	72-65 72-65 72-65 72-65 72-65	71 · 65 71 · 82 71 · 82 71 · 74 71 · 74 71 · 57	70 · 90 70 · 90 70 · 90 70 · 90 70 · 82 70 · 82	71 · 24 70 · 90 70 · 90	75·82 75·65 75·40 75·07 74·99 74·74

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1903-04.

										1	ABLE	No. 533.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	74 · 57 74 · 40 74 · 40 74 · 24 74 · 24	73-57 73-32 73-32 73-40 73-57	73·32 73·32 73·15 72·90 72·65	73 · 49 73 · 57 73 · 90 74 · 24 74 · 07	71.90 71.82 71.65 71.57 71.57	70·99 71·67 70·99 70·99 70·90	71·15 71·15 71·07 71·07 71·07	71·49 71·32 71·32 71·32 71·32	69 · 57 69 · 57 70 · 32 70 · 32 70 · 32	71·99 71·99 71·82 70·57 70·82	70.90 71.57 71.99 71.99 72.57	71·57 72·57 72·57 71·74 70·57
6	74 · 24 74 · 40 74 · 65 74 · 74 74 · 65	73 · 74 73 · 90 74 · 07 74 · 24 74 · 32	73 · 67 73 · 24 72 · 90 72 · 82 72 · 82	73 · 90 73 · 74 74 · 07 73 · 40 73 · 24	71·49 71·49 71·49 71·49 71·49	70 · 82 70 · 74 70 · 74 70 · 65 70 · 65	70 · 99 70 · 99 70 · 99 70 · 99 71 · 49	71 · 24 71 · 15 71 · 15 71 · 07 71 · 07	$70 \cdot 32$ $71 \cdot 65$	69 · 99 70 · 07 70 · 32 70 · 57 70 · 65	73·57 72·99 72·99 73·57 72·74	70 · 57 70 · 74 70 · 57 71 · 07 70 · 57
11 12 13 14 15	74·90 74·57 74·32 74·07 74·07	74 · 32 74 · 32 74 · 40 74 · 57 74 · 57	72 · 82 72 · 82 72 · 82 72 · 99 72 · 99	72 · 99 72 · 74 72 · 65 72 · 57 72 · 49	71.57 71.57 71.57 71.49 71.49	70·57 70·57 70·57 70·57 70·57	71 · 49 71 · 90 71 · 90 71 · 90 71 · 90	71.07 71.07 70.90 70.90 70.90	72 · 32 72 · 15 72 · 15 72 · 32 70 · 57	70 · 65 70 · 74 70 · 65 71 · 07 71 · 57	73.90 73.99 72.74 72.74 73.57	70 · 57 70 · 74 70 · 65 70 · 65 70 · 74
16 17 18 19 20	73 · 99 73 · 99 73 · 99 73 · 99 73 · 99	74 · 57 74 · 57 74 · 57 74 · 49 74 · 40	73.07 73.07 73.15 73.15 73.15	$72 \cdot 32$ $72 \cdot 24$ $72 \cdot 15$ $72 \cdot 15$ $72 \cdot 07$	71 · 49 71 · 49 71 · 49 71 · 49 71 · 49	70 · 57 70 · 57 70 · 57 70 · 74 70 · 82	71.82 71.82 71.82 71.90 71.90	70 · 65 70 · 82 70 · 82 70 · 82 70 · 74	72 · 82 73 · 25 73 · 07 72 · 57 72 · 57	72·57 72·57 72·07 72·57 72·57	72 · 57 72 · 24 71 · 57 71 · 15 71 · 15	70 · 65 70 · 65 70 · 65 70 · 65 70 · 65 70 · 65
21 22 23 24 25	73.99 74.07 73.99 73.99 74.07	74 · 40 74 · 40 74 · 24 74 · 15 73 · 99	73 · 24 73 · 24 73 · 32 73 · 40 73 · 40	72.07 71.99 71.99 71.99 71.99	71 · 49 71 · 49 71 · 40 71 · 32 71 · 24	70 · 90 70 · 90 71 · 07 71 · 07 71 · 07	71.99 71.99 71.99 71.99 71.65	70 · 65 70 · 65 70 · 57 70 · 74 70 · 74	73 · 32 72 · 57 72 · 57 72 · 57 70 · 65	72·57 72·57 70·57 70·57 72·57	71·15 71·15 70·57 71·57 70·57	70 · 65 70 · 65 70 · 74 70 · 74 70 · 82
26	73·90 73·90 73·90 73·90 73·90	73 · 90 73 · 82 73 · 82 73 · 74 73 · 57 73 · 57	73 · 57 73 · 65 73 · 65 73 · 57 73 · 49	71.99 71.99 71.90 71.90 71.90 71.90	71·15 71·07 70·99 70·99 70·99 70·90	71 · 24 71 · 24 71 · 24 71 · 24 71 · 24 71 · 07	71 · 65 71 · 65 71 · 65 71 · 65 71 · 65 71 · 49	70 · 99 71 · 13 70 · 90 71 · 24 71 · 49	72·57 72·65 72·82 70·74 70·74 71·65		70 · 74 70 · 65 70 · 65 70 · 65	71·07 71·74 72·24 72·99 73·24 73·49

ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1904-05.

CADITY NO.

										TA	BLE No	534.
1	73 · 82 74 · 32 74 · 82 75 · 24 75 · 49	$\begin{array}{c} 75 \cdot 74 \\ 76 \cdot 24 \\ 76 \cdot 57 \\ 76 \cdot 82 \\ 76 \cdot 99 \end{array}$	76 · 82 76 · 99 77 · 32 77 · 49 77 · 57	74·07 74·07 73·90 73·74 73·57	71·82 71·74 71·57 71·57 71·40	70 · 90 70 · 74 70 · 74 70 · 99 71 · 07	71·32 71·32 71·40 71·40 71·49	72 · 24 72 · 32 72 · 32 72 · 32 72 · 24 72 · 24	70-99 70-90 70-90 70-82 70-82	70·74 70·74 70·65 70·57 70·65	71 · 15 71 · 15 71 · 24 71 · 24 71 · 24 71 · 32	71 · 99 71 · 82 71 · 65 71 · 65 71 · 57
6	75 · 74 75 · 99 76 · 07 76 · 32 76 · 74	77.40 77.65 77.90 77.99 78.07	77 · 57 77 · 49 77 · 57 77 · 57 77 · 57	73 · 49 73 · 49 73 · 32 73 · 24 73 · 32	$\begin{array}{c} 71 \cdot 40 \\ 71 \cdot 32 \\ 71 \cdot 32 \\ 71 \cdot 15 \\ 71 \cdot 07 \end{array}$	71 · 07 70 · 99 70 · 99 70 · 90 70 · 82	71 · 65 71 · 74 71 · 74 71 · 74 71 · 74 71 · 74	$\begin{array}{c} 72 \cdot 15 \\ 72 \cdot 07 \\ 72 \cdot 07 \\ 71 \cdot 99 \\ 71 \cdot 90 \end{array}$	70 · 82 70 · 82 70 · 82 70 · 74 70 · 82	70·65 70·74 70·74 70·82 70·82	71·57 71·57 71·65 71·65 71·57	71 · 57 71 · 49 71 · 49 71 · 40 71 · 40
11	77·07 76·90 76·65 76·32 75·82	78 · 07 78 · 07 77 · 99 77 · 90 77 · 82	77 · 74 77 · 74 77 · 65 77 · 57 77 · 40	73·07 72·99 72·99 72·99 72·99	70 · 99 70 · 99 70 · 99 70 · 90 70 · 90	70·82 70·74 70·74 70·74 70·65	71·82 71·90 71·90 71·99 72·15	71 · 90 71 · 90 71 · 82 71 · 65 71 · 65	70.99 70.99 70.99 70.99 70.90	70 · 82 70 · 82 70 · 90 70 · 99 70 · 99	71.57 71.65 71.74 71.90 71.99	71·32 71·24 71·15 71·15 71·15
16. 17. 18. 19.	75·49 74·99 74·82 74·57 74·49	77 · 57 77 · 49 77 · 32 77 · 24 77 · 24	77 · 24 76 · 99 76 · 65 76 · 40 76 · 15	72 · 99 72 · 90 72 · 99 72 · 99 72 · 99	70 · 82 70 · 90 70 · 90 70 · 82 70 · 74	70.65 70.57 70.57 70.57 70.49	$\begin{array}{c} 72 \cdot 15 \\ 72 \cdot 15 \\ 72 \cdot 24 \\ 72 \cdot 24 \\ 72 \cdot 24 \\ 72 \cdot 24 \end{array}$	71·49 71·49 71·40 71·40 71·40	70 · 99 70 · 90 70 · 82 70 · 74 70 · 74	70·90 70·90 70·82 70·90 70·90	$\begin{array}{c} 72 \cdot 07 \\ 72 \cdot 15 \\ 72 \cdot 15 \\ 72 \cdot 32 \\ 72 \cdot 32 \\ 72 \cdot 32 \end{array}$	$\begin{array}{c} 71 \cdot 15 \\ 71 \cdot 15 \\ 71 \cdot 07 \\ 71 \cdot 07 \\ 71 \cdot 07 \\ 70 \cdot 99 \end{array}$
21 22 23 24 25	74 · 15 73 · 90 73 · 90 73 · 74 73 · 82	77 · 15 76 · 99 76 · 99 76 · 99 76 · 99	75.99 75.65 75.57 75.32 75.15	72·99 72·82 72·49 72·40 72·24	70 · 82 70 · 99 70 · 99 71 · 07 71 · 07	$70 \cdot 49$ $70 \cdot 49$ $70 \cdot 40$ $70 \cdot 57$ $70 \cdot 90$	$\begin{array}{c} 72 \cdot 24 \\ 72 \cdot 24 \\ 72 \cdot 24 \\ 72 \cdot 24 \\ 72 \cdot 32 \\ 72 \cdot 32 \end{array}$	71 · 24 71 · 15 71 · 15 71 · 15 71 · 15 71 · 15	70·82 70·82 70·82 70·74 70·65	$70 \cdot 90$ $70 \cdot 90$ $70 \cdot 82$ $70 \cdot 90$ $70 \cdot 90$	$\begin{array}{c} 72 \cdot 40 \\ 72 \cdot 32 \\ 72 \cdot 24 \\ 72 \cdot 24 \\ 72 \cdot 15 \end{array}$	70·90 70·90 70·90 70·90 70·90
26	73 · 99 74 · 07 74 · 32 74 · 82 75 · 24	76·99 76·99 76·90 76·90 76·82 76·82	75·07 74·74 74·57 74·32 74·15	$\begin{array}{c} 72 \cdot 15 \\ 72 \cdot 07 \\ 72 \cdot 07 \\ 71 \cdot 99 \\ 71 \cdot 90 \\ 71 \cdot 90 \end{array}$	71·15 70·99 71·07 71·07 71·07 70·99	71·07 71·15 71·15 71·15 71·24	$\begin{array}{c} 72 \cdot 32 \\ 72 \cdot 32 \\ 72 \cdot 32 \\ 72 \cdot 32 \\ 72 \cdot 40 \\ 72 \cdot 24 \\ 72 \cdot 24 \end{array}$	71·15 71·15 71·15 71·15 71·15 71·15	$\begin{array}{c} 70 \cdot 57 \\ 70 \cdot 40 \\ 70 \cdot 57 \\ 70 \cdot 74 \\ 70 \cdot 82 \\ 70 \cdot 82 \end{array}$	71 · 15 71 · 32 71 · 40 71 · 32 71 · 15 71 · 15	72.07 72.07 72.07	70·90 70·82 71·07 71·57 72·07 72·90

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1905-06.

TABLE No. 535.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oet.	Nov.	Dec.	Jan.	Feb.	March.
1	73·74 73·99 74·07 73·99 73·99	72·07 72·24 72·49 72·74 72·90	73 · 90 73 · 82 73 · 74 73 · 57 73 · 40	72·07 72·07 71·90 71·82 71·82	71·32 71·40 71·40 71·32 71·32	70·24 70·24 70·32 70·32 70·32	70·32 70·24 70·24 70·24 70·24	70·90 70·90 70·90 70·82 70·74	70·99 70·82 70·82 70·74 70·74	70·24 70·24 70·24 70·32 70·32	71 · 82 71 · 74 71 · 74 71 · 65 71 · 57	71 · 07 70 · 99 70 · 90 70 · 82 70 · 74
6 7 8 9	74·07 74·15 74·07 73·65 73·49	73 · 15 73 · 32 73 · 40 73 · 65 73 · 90	73 · 24 73 · 32 73 · 32 73 · 24 73 · 24	71·74 71·65 71·57 71·49 71·40	71·24 71·24 71·15 71·07 71·07	70·40 70·40 70·32 70·32 70·24	70·15 70·07 69·99 69·99 69·99	70 · 65 70 · 74 70 · 74 70 · 74 70 · 74	70 · 65 70 · 65 70 · 57 70 · 32 70 · 24	70·32 70·40 70·49 70·65 71·74	71·57 71·49 71·40 71·32 71·24	70·74 70·65 70·57 70·49 70·40
11. 12. 13. 14.	73 · 32 73 · 40 73 · 40 73 · 32 73 · 15	74 · 07 74 · 24 74 · 49 74 · 57 74 · 65	73 · 15 73 · 15 73 · 15 73 · 15 73 · 15	71·32 71·32 71·32 71·40 71·40	71·15 71·07 70·99 70·90 70·82	$\begin{array}{c} 70 \cdot 24 \\ 70 \cdot 24 \\ 70 \cdot 32 \\ 70 \cdot 24 \\ 70 \cdot 32 \end{array}$	69 · 82 70 · 15 70 · 15 70 · 15 70 · 15	70 · 65 70 · 74 70 · 90 70 · 74 70 · 65	$70 \cdot 24$ $70 \cdot 24$ $70 \cdot 24$ $70 \cdot 32$ $70 \cdot 32$	70·90 70·82 70·90 70·82 70·82	71·15 71·15 71·15 71·07 70·99	70·32 70·32 70·32 70·32 70·32
16	72 · 99 72 · 82 72 · 74 72 · 57 72 · 49	74 · 74 74 · 74 74 · 74 74 · 90 74 · 82	73-07 72-99 72-99 72-99 72-99	71·40 71·40 71·49 71·49 71·49	70 · 90 70 · 82 70 · 74 70 · 65 70 · 65	70·15 70·15 70·07 70·15 70·40	70 · 15 70 · 07 70 · 24 70 · 40 70 · 57	70 · 74 70 · 74 70 · 74 70 · 65 70 · 57	$70 \cdot 32$ $70 \cdot 24$ $70 \cdot 15$ $70 \cdot 15$	70·82 70·65 70·32 70·24 70·32	70 · 99 70 · 90 70 · 82 70 · 74 70 · 65	70 · 24 70 · 24 70 · 24 70 · 32 70 · 07
21 22 23 24 25	72 · 40 72 · 40 72 · 32 72 · 15 72 · 07	74-82 74-82 74-74 74-82 74-74	72.99 72.99 72.90 72.74 72.57	71·49 71·40 71·40 71·40 71·32	70.65 70.65 70.57 70.57 70.49	70·40 70·49 70·57 70·57 70·49	70·57 70·74 70·74 70·82 70·90	70·57 70·49 70·49 70·49 70·49	70·15 70·15 70·15 70·07 70·07	70 · 24 70 · 24 70 · 24 70 · 82 71 · 65	70·65 70·65 70·90 70·90 70·90	70·07 70·07 70·07 70·07 69·99
26	71.99 71.99 71.99 71.90 71.99	74 · 65 74 · 49 74 · 40 74 · 24 74 · 07 73 · 99	72·49 72·40 72·40 72·32 72·15	71·32 71·24 71·15 71·15 71·24 71·24	70·49 70·40 70·32 70·32 70·24 70·24	70 · 40 70 · 40 70 · 40 70 · 32 70 · 32	70·90 70·99 70·99 70·99 70·99 70·99	70 · 40 70 · 32 70 · 57 70 · 90 70 · 82	70·07 70·07 70·07 70·15 70·24 70·24		70·99 71·07 71·15	70 · 90 70 · 90 70 · 90 71 · 49 71 · 90 71 · 90

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1906-07.

TABLE No. 536. 71.82 72.65 72.57 72.57 73·40 73·40 73·49 73·57 73 · 32 73 · 24 73 · 15 73 · 07 70·74 70·74 70·74 70·74 69-65 69 · 15 69 · 07 69 - 90 $70 \cdot 15$ $74 \cdot 24$ $74 \cdot 24$ $74 \cdot 07$ 69-65 70.07 69 65 69 - 65 70.07 69-65 69 · 07 69 · 07 69-65 69.99 69.57 69 - 65 70 - 15 69.90 70.99 $72 \cdot 65$ 73.65 73.82 $72 \cdot 90$ 70.65 69-49 69-15 69.49 $71 \cdot 49$ $71 \cdot 32$ $71 \cdot 15$ $71 \cdot 07$ $71 \cdot 07$ $71 \cdot 74$ 73.74 73.90 $70 \cdot 65$ 69-49 69-15 69.24 69.90 $69 \cdot 74$ 72.65 72.49 72.32 72.32 71 · 74 71 · 65 73.90 73.90 73.90 69·49 69·49 69 - 49 69-90 73.90 69-15 69.90 74 · 57 75 · 07 75 · 15 69.90 69-15 69.49 $71 \cdot 65$ 69-49 $69 \cdot 15$ 71.65 69.32 73.90 69-40 69.49 69-57 $71 \cdot 15$ $71 \cdot 32$ $71 \cdot 49$ 71.65 73-90 75-07 $72 \cdot 24 \\ 72 \cdot 24 \\ 72 \cdot 15$ 70.49 60.40 69.32 69.90 70.40 70.99 70-99 70-99 70·40 70·32 69.57 69 - 99 70.49 71.65 71.65 74.07 74.40 74 · 57 74 · 40 69.40 $69 \cdot 24$ $69 \cdot 15$ 69.57 69.57 70.07 70.49 69.57 70.49 70.90 70.82 74.82 74.24 $70 \cdot 24$ 69.40 $69 \cdot 15$ 69-49 $70 \cdot 24$ 71·74 71·65 71·57 71·49 71·40 72.07 $74 \cdot 90$ 74 · 15 74 · 15 70.32 69.40 69.57 $70 \cdot 24$ 71.65 71.40 72·15 72·15 72·15 72·15 72·15 74 · 90 74 · 90 74 · 99 70 · 74 70 · 65 70 · 74 $70 \cdot 24$ 69.24 69.32 69-49 74.07 69 - 24 69.32 69.40 69.99 $71 \cdot 24$ $71 \cdot 07$ $71 \cdot 07$ 69.99 69-49 $70 \cdot 15 \\ 70 \cdot 07$ 73.99 69.24 69.32 74.99 73.90 70.07 69.24 69.49 69.49 $71 \cdot 15$ $71 \cdot 24$ $71 \cdot 07$ $71 \cdot 74$ $71 \cdot 82$ 69-49 69-65 70.07 70.82 72.24 74.99 73.90 71.24 70.07 69.24 69-49 70-15 70 · 24 70 · 40 $72 \cdot 49$ $72 \cdot 74$ $74 \cdot 90$ $73 \cdot 90$ $73 \cdot 82$ $71 \cdot 24 \\ 71 \cdot 24$ 69.24 69·49 69·49 69-49 69.24 69 - 65 70.15 70-90 69.99 69 - 15 69.57 69.57 70.07 71·32 71·99 72·32 72·74 71.90 71.90 71.90 74 - 65 73 - 65 70.99 69.90 69.07 69-57 69.57 70.07 $70 \cdot 65$ 74 · 65 74 · 65 74 · 57 74 · 49 74 · 40 74 · 32 27 28 70-99 69 - 90 69·15 69·07 69 · 40 69 · 40 69 · 57 69.65 70.74 70.74 70.07 70.07 $70 \cdot 65$ 73-49 73-49 70 90 70 90 69.82 70.65 70.74 73.40 68-99 70.07 70.99 69.49 73 · 49 74 · 40 $73 \cdot 40$ 73 - 40 68-99 69.82 69.57 $69 \cdot 82$ 70.74

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1907-08.

TABLE No. 537.

		-										
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	74·99	72·57	74 · 99	73 · 57	71·74	70·49	71 · 32	71 · 24	71·40	71·99	71 · 15	70·90
2	74·90	73·07	75 · 07	73 · 65	71·74	70·49	71 · 24	71 · 32	71·40	71·74	71 · 15	70·82
3	74·82	74·40	75 · 07	73 · 65	71·74	70·40	71 · 15	71 · 32	71·40	71·57	71 · 24	70·74
4	74·74	74·65	74 · 99	73 · 57	71·74	70·40	71 · 15	71 · 40	71·49	71·24	71 · 32	70·65
5	74·49	74·65	74 · 90	73 · 49	71·65	70·49	71 · 24	71 · 57	71·24	71·32	71 · 40	70·49
6	74 · 07	74 · 65	74 · 99	73 · 40	71 · 65	70·49	71·15	71 · 65	71 · 24	71·57	71·49	70 · 57
7	73 · 57	74 · 65	75 · 07	73 · 40	71 · 65	70·40	71·07	71 · 82	71 · 15	71·57	71·49	70 · 65
8	73 · 49	74 · 57	74 · 99	73 · 32	71 · 65	70·40	71·24	72 · 40	71 · 15	71·57	71·49	70 · 74
9	72 · 99	74 · 40	74 · 99	73 · 24	71 · 65	70·32	71·24	72 · 74	71 · 07	71·49	71·40	69 · 74
10	72 · 99	74 · 32	74 · 90	73 · 15	71 · 57	70·32	71·24	72 · 90	71 · 15	71·49	71·40	69 · 82
11	72 · 82	74 · 15	74 · 82	72 · 99	71·49	70·32	71·24	73 · 07	71 · 57	71 · 49	71 · 65	69·82
	72 · 65	74 · 07	74 · 90	72 · 82	71·40	70·32	71·32	72 · 99	71 · 74	71 · 57	71 · 57	69·74
	72 · 49	73 · 99	74 · 90	72 · 82	71·32	70·40	71·32	72 · 74	71 · 82	71 · 65	71 · 40	69·74
	72 · 74	73 · 90	74 · 90	72 · 74	71·32	70·40	71·32	72 · 90	72 · 07	71 · 65	71 · 24	69·74
	73 · 07	73 · 99	74 · 82	72 · 57	71·15	70·40	71·40	72 · 65	71 · 90	71 · 74	70 · 99	69·74
16	72 · 99	74 · 07	74 · 74	72 · 49	71·15	70·49	71·40	72·57	71 · 65	71·74	70·99	69·82
	72 · 82	74 · 15	74 · 65	72 · 49	71·15	70·65	71·49	72·40	71 · 65	72·07	70·90	69·90
	72 · 82	74 · 24	74 · 49	72 · 40	70·99	70·65	71·57	72·24	71 · 57	71·99	71·07	70·32
	72 · 82	74 · 15	74 · 40	72 · 32	70·90	70·74	71·49	72·15	71 · 49	72·82	71·32	70·49
	72 · 74	74 · 15	74 · 32	72 · 24	70·90	70·74	71·49	72·07	71 · 40	71·57	71·57	70·57
21	72 · 74	75·40	74 · 24	72·15	70-90	70·82	71·49	72·07	71 · 32	71 · 40	71 · 82	70·15
22	72 · 57	75·65	74 · 07	72·07	70-82	70·82	71·40	71·90	71 · 24	71 · 40	71 · 82	70·24
23	72 · 49	75·82	73 · 99	72·07	70-74	70·82	71·49	71·90	71 · 40	71 · 40	71 · 74	70·24
24	72 · 40	75·99	73 · 82	71·99	70-57	70·90	71·40	71·90	71 · 32	71 · 07	71 · 65	70·24
25	72 · 49	75·99	73 · 74	71·99	70-57	71·07	71·40	71·82	71 · 24	71 · 40	71 · 90	70·24
26		75·90 75·82 75·82 75·65 75·49 75·32	73·74 73·74 73·57 73·49 73·49	71 · 99 71 · 99 71 · 90 71 · 82 71 · 82 71 · 74	70 · 65 70 · 65 70 · 57 70 · 57 70 · 49 70 · 49	71.07 71.07 70.99 71.15 71.32	71·32 71·32 71·32 71·32 71·32 71·32 71·24	71·74 71·74 71·65 71·65 71·40	71 · 24 71 · 15 71 · 24 71 · 49 71 · 99 71 · 49	71·15 71·07 70·99 71·07 71·07 71·15	71 · 74 71 · 49 71 · 07 70 · 99	70-40 70-57 71-74 71-90 72-15 72-24

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1908-09.

							TABLE No. 538.					
1	72 · 65 72 · 74 72 · 65 72 · 65 72 · 65 72 · 57	76·07 76·74 77·07 77·57 77·74	77 · 74 77 · 74 77 · 57 77 · 49 77 · 49	73 · 40 73 · 24 73 · 15 73 · 07 72 · 99	71·32 71·24 71·15 71·15 70·99	69·99 69·99 69·82 69·82	69·15 69·15 69·07 69·07	69·07 68·90 68·90 69·07 69·07	69·32 69·57 69·82 69·90 69·99	70 · 15 70 · 07 70 · 07 70 · 07 69 · 99 69 · 90	70 · 32 70 · 32 70 · 40 70 · 40 70 · 40	$70 \cdot 99$ $70 \cdot 90$
6	72 · 65 72 · 74 73 · 49 73 · 65 73 · 57	77.65 77.49 77.65 77.99 78.24	77·40 77·32 77·24 77·07 76·90	$\begin{array}{c} 72\cdot 82 \\ 72\cdot 82 \\ 72\cdot 74 \\ 72\cdot 65 \\ 72\cdot 65 \end{array}$	71·07 70·99 70·99 70·90 70·82	69 · 74 69 · 74 69 · 65 69 · 65 69 · 57	69·07 68·99 68·99 68·99 68·99	68-90 68-99 68-99 68-99 68-99	70 · 15 69 · 99 69 · 90 69 · 90 69 · 90	$\begin{array}{c} 69 \cdot 99 \\ 70 \cdot 07 \\ 70 \cdot 24 \\ 70 \cdot 24 \\ 70 \cdot 24 \end{array}$	70 · 40 70 · 40 70 · 40 70 · 40 70 · 49	71.07 71.07 70.99 70.99 70.99
11 12 13 14 15	73 · 74 74 · 07 74 · 65 74 · 82 74 · 82	78 · 49 78 · 74 78 · 82 78 · 82 78 · 90	76·57 76·32 76·07 75·74 75·57	72·57 72·49 72·40 72·40 72·40	70 · 82 70 · 74 70 · 74 70 · 74 70 · 74 70 · 74	69·57 69·57 69·57 69·57 69·57	69-07 68-99 68-90 68-90 68-90	68 · 99 69 · 07 69 · 07 68 · 99 69 · 07	69 · 90 69 · 90 69 · 90 69 · 90 69 · 90	70 · 24 70 · 15 70 · 15 70 · 07 70 · 07	70 · 49 70 · 40 70 · 49 70 · 49 70 · 57	70 · 90 70 · 82 70 · 82 70 · 74 70 · 65
16	74 · 82 74 · 40 74 · 15 73 · 99 73 · 90	78-90 78-90 78-90 78-90 78-82	75·49 75·32 75·15 74·99 74·90	$\begin{array}{c} 72 \cdot 32 \\ 72 \cdot 15 \\ 72 \cdot 24 \\ 72 \cdot 15 \\ 72 \cdot 15 \\ 72 \cdot 15 \end{array}$	70 · 65 70 · 65 70 · 49 70 · 49	69·57 69·49 69·49 69·49 69·49	68 · 90 68 · 82 68 · 82 68 · 90 68 · 82	68-90 68-99 68-90 68-90 68-99	69 · 90 69 · 90 69 · 90 69 · 90 69 · 90	$69 \cdot 99$ $70 \cdot 07$ $70 \cdot 07$ $70 \cdot 07$ $70 \cdot 15$	70 · 65 70 · 74 70 · 82 70 · 82 70 · 74	70 · 65 70 · 49 70 · 49 70 · 49 70 · 40
21	73 · 90 73 · 82 73 · 74 73 · 74 73 · 82	78 · 74 78 · 57 78 · 49 78 · 40 78 · 32	74 · 74 74 · 57 74 · 49 74 · 32 74 · 15	72·07 72·07 71·99 71·90 71·82	70·40 70·40 70·32 70·24 70·24	69·40 69·32 69·32 69·40 69·32	68 · 82 68 · 74 68 · 82 68 · 82 68 · 82	68-99 68-99 68-99 68-90 68-99	69 · 90 69 · 99 69 · 99 69 · 90 69 · 90	70 · 15 70 · 07 70 · 07 70 · 07 70 · 07	70·57 70·49 70·40 70·49 70·57	70 · 40 70 · 32 70 · 32 70 · 32 70 · 32
26. 27. 28. 29. 30.	73.90 73.90 73.99 74.15 75.49	78 · 24 78 · 15 78 · 07 77 · 99 77 · 82 77 · 74	74.07 73.90 73.82 73.65 73.65	71 · 74 71 · 65 71 · 57 71 · 57 71 · 49 71 · 40	70·24 70·24 70·15 70·15 70·07 69·99	69·32 69·32 69·24 69·24 69·15	68·82 68·82 68·82 68·90 68·99 69·07	69·07 69·15 69·15 69·24 69·24	$69 \cdot 99$ $69 \cdot 99$ $69 \cdot 99$ $70 \cdot 07$ $70 \cdot 15$ $70 \cdot 15$	70·07 70·07 70·07 70·07 70·15 70·15	70 - 65 70 - 99 70 - 99	70·32 70·40 70·57 70·65 70·82 71·07

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1909-10.

TABLE No. 539.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71·32 71·49 71·57 71·74 72·07	75 · 90 75 · 90 76 · 40 76 · 57 76 · 49	79 · 24 78 · 99 78 · 82 78 · 57 78 · 32	73 · 40 73 · 49 73 · 24		71 · 24 71 · 32 71 · 15 71 · 15 71 · 40	71·32 71·32 71·24 71·24 71·24	70 · 82 70 · 82 70 · 82 70 · 90 70 · 90	71·32 71·32 71·40 71·32 71·32	70 · 90 70 · 90 70 · 90 70 · 82 70 · 82	70·74 70·74 70·65 70·65 70·65	70·07 70·07 70·07 70·15 70·32
6	72·49 72·49 74·07 74·90 75·32	76·32 76·07 75·99 75·99 75·90	77 · 99 77 · 74 77 · 32 77 · 07 76 · 82	72·82 72·74		71·15 71·15 71·15 71·15 71·15	$71 \cdot 24$ $71 \cdot 32$	70·82 70·82 70·90 70·82 70·82	71 · 32 71 · 32 71 · 32 71 · 32 71 · 32	70 · 82 70 · 82 70 · 74 70 · 65 70 · 65	70 · 65 70 · 65 71 · 07 70 · 57 70 · 57	70.65 70.99 71.40 71.74 71.74
11. 12. 13. 14. 15.	75·49 74·74 74·32 74·74 75·32	76·40 76·90 77·49 77·82 77·99	76·49 76·24 75·90 75·74 75·57	72.24		71 · 24 71 · 24 71 · 24 71 · 24 71 · 32	71 · 24 71 · 24 71 · 15 71 · 07 71 · 07	70 · 82 70 · 82 70 · 82 70 · 82 70 · 82 70 · 82	71·57 71·49 71·40 71·32 71·24	70·57 70·57 70·57 70·57 70·57	70·57 70·49 70·49 70·49 70·40	71 · 74 71 · 57 71 · 07 70 · 99 70 · 90
16	75·32 75·40 75·49 75·65 75·82	78·07 78·24 78·49 78·57 78·82	75·32 75·07 75·15 74·90 74·65	71 · 90 71 · 90		71·32 71·24 71·32 71·24 71·24	70:99 71:15 70:90 70:90 70:90	70 · 82 70 · 90 70 · 90 70 · 90 70 · 90	71 · 15 71 · 15 71 · 07 71 · 15 71 · 15	70·57 70·57 70·57 70·57 70·57	70·40 70·32 70·32 70·40 70·40	70·90 70·82 70·74 70·65 71·32
21 22 23 24 25	75.82 75.82 75.82 75.90 75.65	78 · 99 79 · 15 79 · 24 79 · 32 79 · 32	74·49 74·40 74·32 74·32 74·15	71.82		71·32 71·32 71·32 71·40 71·32	70 · 82 70 · 82 70 · 90 70 · 99 70 · 90	70 · 90 70 · 99 71 · 32 71 · 24 71 · 49	71·15 71·15 71·15 71·15 71·15 71·07	70 · 49 70 · 57 70 · 74 70 · 90 70 · 99	70·32 70·24 70·15 70·15 70·15	70 · 82 71 · 15 71 · 65 72 · 07 72 · 49
26 27 28 29 30 31	75·74 75·65 75·65 75·57 75·49	79·32 79·32 79·40 79·57 79·57 79·40	74·07 73·90 73·74 73·74 73·57	71·99 72·24		71 · 32 71 · 32 71 · 32 71 · 32 71 · 32 71 · 32	70 · 90 70 · 90 70 · 90 71 · 07 70 · 90 70 · 90	71·40 71·24 71·15 71·24 71·24	71.07 70.99 70.99 70.99 70.99 70.99	70 · 99 70 · 99 70 · 99 70 · 90 70 · 90 70 · 82	70·15 70·15 70·15	72·74 72·82 72·74 72·74 72·82 72·90

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1910–11.

								•				
										TA	BLE No	540.
1	73 · 15 73 · 49 73 · 65 73 · 82 73 · 90	74·99 74·99 75·07 74·99 74·99	72 · 90 72 · 90 72 · 99 73 · 07 72 · 99	71 · 99 71 · 90 71 · 90 71 · 82 71 · 74	70 · 40 70 · 40 70 · 40 70 · 32 70 · 49	70·32 70·40 70·49 70·49 70·49	69 · 82 69 · 90 69 · 90 69 · 82 69 · 90	70 · 82 70 · 82 70 · 82 70 · 82 70 · 90	70 · 99 70 · 99 71 · 07 71 · 07 70 · 99	$70 \cdot 24$ $70 \cdot 32$ $70 \cdot 24$ $70 \cdot 24$ $70 \cdot 24$ $70 \cdot 24$	70·90 71·24 71·57 71·74 71·82	70·32 70·15 70·07 69·99 69·99
6. 7. 8. 9. 10.	73.99 73.99 74.15 74.32 74.49	74·99 74·90 74·74 74·57 74·49	73·32 73·40 73·57 73·57 73·57	71 · 65 71 · 57 71 · 57 71 · 49 71 · 40	70·40 70·40 70·32 70·32 70·24	70 · 49 70 · 74 70 · 74 70 · 74 70 · 57	69 · 99 69 · 99 70 · 40 70 · 74 70 · 90	70-90 70-90 70-90 70-90 70-90	70·90 70·74 70·49 70·49 70·40	$\begin{array}{c} 70 \cdot 24 \\ 70 \cdot 24 \\ 70 \cdot 24 \\ 70 \cdot 32 \\ 70 \cdot 32 \\ 70 \cdot 32 \end{array}$	71.90 71.99 72.07 72.15 72.07	69 · 90 69 · 90 69 · 90 69 · 90 69 · 90
11	74·57 74·65 74·57 74·49 74·32	74 · 24 74 · 07 73 · 99 73 · 90 73 · 74	73·57 73·57 73·57 73·49 73·40	71·40 71·32 71·49 71·32 71·15	70 · 40 70 · 49 70 · 40 70 · 40 70 · 32	70 · 49 70 · 49 70 · 40 70 · 40 70 · 40	70 · 82 70 · 99 70 · 90 70 · 99 70 · 99	70 · 99 70 · 99 71 · 07 71 · 07 71 · 07	70 · 40 70 · 40 70 · 49 70 · 49 70 · 49	70·32 70·24 70·24 70·24 70·32	71·74 71·74 71·82 71·82 71·90	69 · 90 69 · 90 69 · 82 69 · 82 69 · 82
16	$74 \cdot 15 \\ 74 \cdot 07 \\ 74 \cdot 07 \\ 73 \cdot 99 \\ 73 \cdot 99$	73 · 65 73 · 57 73 · 40 73 · 49 73 · 32	73·32 73·24 73·24 73·15 73·07	71·15 71·07 70·99 70·90 70·90	70 · 40 70 · 32 70 · 32 70 · 40 70 · 32	70·32 70·32 70·32 70·24 70·24	70 - 99 70 - 99 70 - 99 70 - 99 70 - 90	71.07 71.07 70.99 70.90 70.90	70 · 49 70 · 57 70 · 57 70 · 57 70 · 49	$70 \cdot 49$ $70 \cdot 57$ $70 \cdot 49$ $70 \cdot 40$ $70 \cdot 49$	71.82 71.90 71.90 71.90 71.82	69·82 69·82 69·90 69·99 69·99
21 22 23 24 25	73 · 99 74 · 07 74 · 15 74 · 24 74 · 24	73 · 15 73 · 15 73 · 15 73 · 07 73 · 07	72·99 72·82 72·82 72·74 72·57	70·82 70·82 70·74 70·74 70·65	$\begin{array}{c} 70 \cdot 32 \\ 70 \cdot 32 \\ 70 \cdot 32 \\ 70 \cdot 40 \\ 70 \cdot 40 \end{array}$	$\begin{array}{c} 70 \cdot 24 \\ 70 \cdot 15 \\ 70 \cdot 07 \\ 70 \cdot 07 \\ 70 \cdot 15 \end{array}$	70 · 90 70 · 82 70 · 90 70 · 74 70 · 74	70 · 82 70 · 90 70 · 82 70 · 82 70 · 90	70 · 49 70 · 40 70 · 32 70 · 57 70 · 74	$\begin{array}{c} 70 \cdot 57 \\ 70 \cdot 32 \\ 70 \cdot 32 \\ 70 \cdot 32 \\ 70 \cdot 24 \end{array}$	71 · 57 71 · 24 70 · 90 70 · 74 70 · 65	69 · 99 69 · 99 69 · 99 69 · 99
26 27 28 29 30 31	74·40 74·57 74·82 74·82 74·90	73·07 72·90 72·90 72·82 72·82 72·90	72·49 72·32 72·32 72·15 72·07	70·65 70·40 70·40 70·49 70·49 70·49	70·49 70·40 70·32 70·32 70·32 70·32	69·99 69·99 69·99 69·99	70·82 70·74 70·82 70·82 70·82 70·74	70 · 90 7C · 90 70 · 90 70 · 90 70 · 99	70·96 70·74 70·49 70·32 70·32 70·32	70 · 24 70 · 24 70 · 32 70 · 40 70 · 49 70 · 74		$69 \cdot 99$ $69 \cdot 99$ $70 \cdot 07$ $70 \cdot 07$ $70 \cdot 15$ $70 \cdot 24$

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1911-12.

	TABLE NO										0. 341.	
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	70 · 40 70 · 57 70 · 65 70 · 57 70 · 57	74·15 74·65 75·07 75·24 75·40	74 · 99 74 · 90 74 · 74 74 · 65 74 · 49	72·57 72·57 72·49 72·40 72·32	70 · 40 70 · 40 70 · 49 70 · 40 70 · 40	69 · 99 69 · 99 69 · 90 69 · 90 69 · 82	69 · 40 69 · 40 69 · 40 69 · 40 69 · 40	69·24 69·40 69·49 69·32 69·32	70 · 57 70 · 57 70 · 65 70 · 65 70 · 57	71 · 74 71 · 82 71 · 90 71 · 07 71 · 07	70 · 65 70 · 65 70 · 57 70 · 65 70 · 74	71.65 71.65 71.65 71.65 71.65
6	70 · 65 70 · 74 70 · 99 71 · 24 72 · 57	75.74 75.90 75.90 76.07 76.15	74 · 40 74 · 40 74 · 40 74 · 24 74 · 15	72·15 72·15 71·09 71·90 71·82	70·32 70·32 70·24 70·24 70·40	70.07 69.90 69.90 69.82	69·40 69·32 69·32 69·32 69·24	69 · 32 69 · 40 69 · 57 69 · 49 69 · 57	$70 \cdot 49$ $70 \cdot 49$ $70 \cdot 49$ $70 \cdot 49$ $70 \cdot 65$	71 · 15 71 · 15 71 · 15 71 · 24 71 · 24	70 · 82 70 · 90 70 · 99 70 · 99 71 · 07	71 · 65 71 · 57 71 · 57 71 · 49 71 · 32
11	73·57 73·82 73·90 74·32 74·49	76·15 76·24 76·07 76·07 75·90	73 · 99 73 · 99 73 · 82 73 · 99 73 · 99	71 · 74 71 · 65 71 · 57 71 · 40 71 · 07	70 · 49 70 · 49 70 · 57 70 · 65 70 · 65	69 · 74 69 · 99 69 · 74 69 · 65 69 · 49	$69 \cdot 24$ $69 \cdot 24$ $69 \cdot 32$ $69 \cdot 24$ $69 \cdot 24$	69 · 65 69 · 65 69 · 90 69 · 74 69 · 90	70 · 74 70 · 90 71 · 40 71 · 57 71 · 74	71·15 70·99 71·49 71·49 71·32	71 · 49 71 · 57 71 · 57 71 · 57 71 · 49	71·32 71·24 71·15 71·15 71·15
16	74 · 65 73 · 07 73 · 07 72 · 24 72 · 07	75·74 75·57 75·40 75·24 75·07	73 · 99 73 · 99 73 · 90 73 · 74 73 · 82	70 · 99 71 · 15 71 · 07 70 · 99 70 · 90	70 · 82 70 · 57 70 · 49 70 · 49 70 · 49	69 · 65 69 · 65 69 · 57 69 · 57 69 · 57	69·15 69·15 69·24 69·32 69·32	70 · 15 70 · 07 70 · 15 70 · 24 70 · 15	71 · 90 71 · 57 71 · 49 71 · 40 71 · 40	71·15 71·15 71·07 70·99 70·90	71 · 40 71 · 32 71 · 15 70 · 82 70 · 65	71 · 15 71 · 15 70 · 99 70 · 90 69 · 82
21 22 23 24 25	72 · 24 72 · 40 72 · 57 72 · 82 73 · 24	74 · 90 74 · 74 74 · 65 74 · 65 74 · 74	73 · 74 73 · 49 73 · 40 73 · 24 73 · 07	70 · 90 70 · 90 70 · 74 70 · 82 70 · 74	70 · 32 70 · 32 70 · 32 70 · 32 70 · 24	69 · 57 69 · 57 69 · 49 69 · 49 69 · 57	69·32 69·32 69·32 69·32 69·24	$70 \cdot 24$ $70 \cdot 32$	$71 \cdot 40$ $71 \cdot 32$ $71 \cdot 24$ $71 \cdot 24$ $71 \cdot 24$	70 - 90 70 - 90 70 - 90 70 - 99 70 - 99	$70 \cdot 65$ $71 \cdot 12$ $71 \cdot 15$ $71 \cdot 32$ $71 \cdot 32$	69 · 82 69 · 82 69 · 82 70 · 82 70 · 74
26	73 - 24 73 - 32 73 - 40 73 - 57 73 - 82	74 · 90 74 · 99 75 · 07 75 · 07 75 · 07 74 · 90	72·99 72·90 72·82 72·74 72·65	70 · 65 70 · 57 70 · 57 70 · 49 70 · 40	70 · 24 70 · 15 70 · 15 70 · 24 70 · 07 69 · 99	69 · 49 69 · 49 69 · 49 69 · 40 69 · 40	69 · 32 69 · 32 69 · 24 69 · 24 69 · 24 69 · 24	70 · 32 70 · 32 70 · 40 70 · 49 70 · 49	71 · 24 71 · 32 71 · 32 71 · 57 71 · 82 72 · 07	70 · 90 70 · 90 70 · 82 70 · 82 70 · 74 70 · 74	71·32 71·49 71·49 71·65	70 · 74 70 · 74 70 · 65 70 · 65 70 · 65 70 · 57

ELEVATIONS above M.S.L. of Ottawa River at Upper Ste. Anne, for 1912-13.

										TA	BLE No	. 542.
1	70 · 49 70 · 49 70 · 49 70 · 49 70 · 40	74 · 99 74 · 90 74 · 82 74 · 74 74 · 57	77 · 40 77 · 32 77 · 32 76 · 99 76 · 82	73 · 24 73 · 15 72 · 99 72 · 90 72 · 82	71·15 71·15 71·15 71·07 70·99	70 · 74 70 · 74 70 · 74 70 · 74 70 · 74	70 · 32 70 · 40 70 · 49 70 · 40 70 · 32	$\begin{array}{c} 72\cdot07 \\ 72\cdot15 \\ 72\cdot15 \\ 72\cdot07 \\ 72\cdot07 \end{array}$	71 · 99 71 · 90 71 · 99 72 · 24 72 · 40	71·49 71·36 71·36 71·61 71·78	71 · 86 71 · 82 71 · 78 71 · 82 71 · 82	71·78 71·78 71·69 71·74 71·78
6	70 · 40 70 · 57 71 · 65 72 · 90 73 · 40	74·57 74·57 74·57 74·57 74·57	76·57 76·40 76·15 76·15 76·99	$\begin{array}{c} 72\cdot 65 \\ 72\cdot 65 \\ 72\cdot 49 \\ 72\cdot 40 \\ 72\cdot 32 \end{array}$	70 · 99 70 · 90 70 · 90 70 · 90 70 · 90	70 · 74 70 · 82 70 · 82 70 · 82 70 · 82 70 · 82	70·57 70·57 70·49 70·49 70·49	72 · 07 72 · 57 73 · 24 73 · 65 73 · 82	72 · 49 72 · 65 72 · 99 72 · 99 72 · 90	$\begin{array}{c} 72\cdot 03 \\ 72\cdot 15 \\ 72\cdot 03 \\ 71\cdot 94 \\ 72\cdot 07 \end{array}$	71·74 71·65 71·61 71·53 71·40	71 · 82 71 · 82 71 · 90 72 · 03 72 · 03
11	73 · 57 73 · 74 74 · 07 74 · 07 74 · 15	74·49 74·49 74·65 74·82 74·90	75·82 75·74 75·49 75·32 74·99	$\begin{array}{c} 72 \cdot 24 \\ 72 \cdot 15 \\ 72 \cdot 07 \\ 72 \cdot 07 \\ 71 \cdot 99 \end{array}$	$70 \cdot 99$ $70 \cdot 99$ $71 \cdot 15$ $71 \cdot 24$ $71 \cdot 24$	70 · 99 70 · 90 70 · 82 70 · 82 70 · 74	$70 \cdot 49 \\ 70 \cdot 49 \\ 70 \cdot 49 \\ 70 \cdot 40 \\ 70 \cdot 57$	73 · 74 73 · 65 73 · 57 73 · 57 73 · 65	72 · 65 72 · 57 72 · 61 72 · 61 72 · 36	71 · 99 72 · 04 71 · 82 71 · 74 71 · 82	71 · 49 71 · 49 71 · 49 71 · 57 71 · 53	71 · 78 71 · 74 71 · 61 71 · 57 71 · 61
16	74 · 65 74 · 74 74 · 99 75 · 07 75 · 07	74 · 99 75 · 32 75 · 49 75 · 74 75 · 82	74 · 99 74 · 99 74 · 82 74 · 65 74 · 57	$\begin{array}{c} 72 \cdot 07 \\ 71 \cdot 99 \\ 71 \cdot 90 \\ 71 \cdot 99 \\ 71 \cdot 82 \end{array}$	71 · 24 71 · 24 70 · 99 71 · 15 71 · 07	70 · 82 70 · 82 70 · 74 70 · 74 70 · 74	70 · 40 70 · 40 70 · 40 70 · 57 70 · 57	73 · 57 73 · 49 73 · 24 73 · 07 72 · 90	72·11 72·11 72·07 72·19 72·11	71 · 94 71 · 78 71 · 78 72 · 03 72 · 19	71 · 74 71 · 90 71 · 94 71 · 99 71 · 86	72·24 72·65 72·86 72·82 72·94
21 22	74 · 99 74 · 90 75 · 32 75 · 40 75 · 49	75.82 75.82 75.82 75.82 75.82 75.90	74 · 57 74 · 57 74 · 49 74 · 32 74 · 24	71 · 74 71 · 74 71 · 74 71 · 65 71 · 57	70 · 99 70 · 90 70 · 90 70 · 82 70 · 74	70·74 70·65 70·74 70·82 70·82	70·65 70·74 70·74 70·99 71·32	$72 \cdot 65 \\ 72 \cdot 65 \\ 72 \cdot 57 \\ 72 \cdot 49 \\ 72 \cdot 57$	71 · 99 72 · 15 72 · 07 71 · 86 71 · 74	$\begin{array}{c} 72 \cdot 36 \\ 72 \cdot 40 \\ 72 \cdot 40 \\ 72 \cdot 49 \\ 72 \cdot 49 \end{array}$	71 · 82 71 · 61 71 · 74 71 · 61 71 · 69	73·36 74·28 74·98 75·24 76·02
26	75·49 75·49 75·15 75·07 74·99	76·15 76·24 76·32 76·57 76·90 77·24	74·15 73·99 73·82 73·65 73·49	71·57 71·49 71·40 71·40 71·49 71·32	70 · 74 70 · 99 70 · 82 70 · 90 70 · 90 70 · 82	70 · 82 70 · 82 70 · 74 70 · 40 70 · 40	71·57 71·82 71·99 71·99 72·15 72·15	72·40 72·32 72·24 72·15 72·32	71 · 69 71 · 74 71 · 65 71 · 65 71 · 65 71 · 65 71 · 57	72·19 72·03 71·90 71·90 71·99 72·07	71.78 71.74 71.74	76·32 76·15 75·90 75·57 75·24 75·11

31.....

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1913-14. TABLE No. 543.

July. June. Oct. Nov. Dec. Jan. Feb. March. April. May. Aug. Sent Day. 75.57 75.94 75.94 75.82 73 · 95 73 · 82 73 · 65 73 · 57 71·49 71·40 71·32 71·24 $\begin{array}{c} 72 \cdot 32 \\ 72 \cdot 40 \\ 72 \cdot 40 \\ 72 \cdot 40 \end{array}$ 71·07 71·15 71·15 71·28 70 · 94 70 · 99 70 · 99 71 · 07 71 · 86 71 · 69 71 · 53 71 · 36 75-69 75-87 76-12 70.61 69.99 69.94 71.82 1..... 2.... 3.... 70·57 70·50 70·45 70.03 70.15 70.07 71.61 71.61 71.61 69.99 70.03 $71 \cdot 24$ 70 - 40 $70 \cdot 03$ 72.36 70.94 .5. $71 \cdot 15$ 70.35 60.00 69.99 71.49 $72 \cdot 32$ $72 \cdot 32$ $72 \cdot 32$ 71.57 70.8271.15 76.11 76-61 70·86 70·99 76.03 76.74 73.24 71 · 11 70 · 99 $70 \cdot 40$ $70 \cdot 29$ 69 · 99 69 · 99 69.99 71.36 71.32 $71 \cdot 40$ $71 \cdot 19$ 71·11 70·90 75.94 75.82 76.61 76.57 73 · 03 72 · 95 72 · 86 70.99 70.24 69.95 69-94 71.03 76.44 $71 \cdot 03$ 69.90 72.24 $70 \cdot 99$ $71 \cdot 24$ 70 · 74 70 · 74 70 · 74 70 · 74 72 · 82 72 · 82 72 · 74 72 · 74 72 · 19 72 · 15 72 · 07 70 · 94 70 · 90 70 · 86 $70 \cdot 19$ $70 \cdot 15$ $70 \cdot 15$ 69.86 69-82 71-44 70.99 75.53 $76 \cdot 20$ 11..... 71.44 71.57 71.57 71.65 71.74 75·53 75·53 75·49 75.99 75.78 75.69 69.82 69-82 12..... 69.82 69 · 78 69 · 74 69 · 74 69·78 69·74 71.90 70.86 $71 \cdot 49$ $71 \cdot 90$ 75.36 75.44 $72 \cdot 65$ 70 - 8271.9471.4470.7415.... 69·74 69·74 69·74 69·74 $72 \cdot 15$ $72 \cdot 11$ $71 \cdot 94$ $71 \cdot 82$ 71·36 71·32 71·24 71·15 $\begin{array}{c} 72 \cdot 28 \\ 72 \cdot 53 \\ 72 \cdot 65 \\ 72 \cdot 65 \end{array}$ 75.31 $75 \cdot 32$ $72 \cdot 65$ 70.8269.74 70.69 72 · 63 72 · 61 72 · 53 72 · 49 72 · 40 75·16 75·07 70·03 69·99 69.78 71.86 70 · 69 70 · 74 70 · 74 17 18 19 20 69·82 69·90 71.90 71.94 69.99 74 · 95 74 · 70 70.82 70.90 69.99 69.69 69.99 71.24 $\begin{array}{c} 72 \cdot 15 \\ 72 \cdot 15 \\ 72 \cdot 19 \\ 72 \cdot 15 \end{array}$ $71 \cdot 24$ $71 \cdot 24$ $71 \cdot 32$ $71 \cdot 57$ 72·57 72·49 72·49 72·57 70.86 69-61 70.15 71.78 70.82 75.24 $74 \cdot 49$ $72 \cdot 40$ 69.99 75·24 75·24 75·24 75·20 75·15 74·49 74·40 74·36 74·20 74·15 70.61 70.82 71 · 61 71 · 53 72·28 72·24 72·15 $70.82 \\ 70.82$ 69.90 69 - 69 70.94 71.07 70.90 69.99 69.82 70.99 71.40 72.03 70.86 69.99 69.86 $71 \cdot 40$ $71 \cdot 40$ 75 · 15 75 · 20 75 · 28 75 · 44 73·99 73·95 74·20 74·32 74·36 74·15 70.82 71.99 69.95 69.90 $71 \cdot 24$ 72-44 70.94 71.99 71.79 71.79 71.70 71.61 71.61 71.57 71.69 71.82 72 · 15 72 · 15 72 · 19 72 · 24 72 · 28 70.69 69.99 69.90 $72 \cdot 40$ 27..... 28.... 70 - 65 69.99 69 · 99 69 · 90 $71 \cdot 28$ 70.65 70.65 71 · 19 71 · 07 70 · 86 29....

Elevations above M.S.L. of Ottawa River at Upper Ste. Anne, for 1914-15.

71.82

69.99 69.90

70.65 69 - 99

TABLE No. 544. 72 · 65 72 · 78 72 · 82 72 · 74 73 · 53 73 · 57 73 · 57 73 · 57 $\begin{array}{c} 72 \cdot 19 \\ 72 \cdot 07 \\ 71 \cdot 99 \\ 71 \cdot 90 \end{array}$ 70·32 70·24 70·19 69.03 69-86 69.74 71.65 69.36 69 - 15 69.74 70-11 68 - 99 69·15 69·19 69.94 69.74 71.65 71.6569.40 69 - 65 69 · 40 69 · 40 68-94 68-90 $69 \cdot 24$ 69-65 69 - 99 5..... 71.86 71.61 69.32 68-90 69.32 70.40 69-65 69.82 69 - 90 72 · 53 72 · 36 72 · 11 71 · 94 71.82 71.69 71.6571.57 70.07 69.32 68-86 69.32 69-65 69.78 73-69 70.53 69-82 73 · 74 73 · 74 73 · 74 71 · 57 71 · 53 69·74 69·74 8..... 69 - 99 69.32 68.82 69-32 69-65 $69 \cdot 74$ 69-40 69.94 69.32 68-82 70.49 69.57 71 - 65 71.49 60.86 69.32 70.49 69.86 9..... 71 - 65 69.32 68 - 82 69.32 69.94 69 - 57 69.57 71-44 69.82 71.61 69.82 60.32 68.82 60.22 70.44 60.00 69-49 69.57 70·28 70·15 73 · 86 73 · 82 73 · 82 71.57 71.57 71.49 69·78 69·78 69·82 69·32 69·32 68.82 69.36 69-99 69-57 69 - 57 12..... 69.99 68-86 69-49 14...... 71.36 $73 \cdot 78$ 71.49 69.32 68.99 69.44 69-99 69.49 69.49 71 · 24 71 · 24 71 · 32 71 · 53 71 · 82 71.07 71.0369.74 69.32 **69** - 69 69 - 49 73 · 74 73 · 65 $71 \cdot 44$ $71 \cdot 36$ $71 \cdot 32$ 70.11 60.40 69.65 69.32 69-11 69.82 69.90 69.49 73 - 53 70.99 69.65 69.32 69.15 70.03 69.99 69-90 69.49 69.49 70.86 69.65 69 - 28 69 - 15 69.99 60.00 69.90 73.36 69.61 69.24 69-15 69.99 69.86 69.49 69.49 $72 \cdot 19$ $71 \cdot 28 \\ 71 \cdot 36$ 70.7469.57 69 - 15 69.19 69.94 69.82 69 - 90 60.40 72·40 72·40 72·40 72·40 72·49 70.69 69·57 69·57 69·15 69·15 69.24 69 - 90 69.82 69.90 69 - 40 69.49 69 - 24 69 - 90 69 - 40 $72 \cdot 99$ $72 \cdot 69$ $71 \cdot 40$ $71 \cdot 49$ 70.65 69.86 69-15 70.65 69 - 53 69.32 69.94 70.65 69.90 $70 \cdot 24$ $\begin{array}{c} 72 \cdot 49 \\ 72 \cdot 40 \\ 72 \cdot 36 \\ 72 \cdot 32 \end{array}$ $72 \cdot 61$ $72 \cdot 78$ $73 \cdot 03$ 71 - 65 71 - 65 69.82 70-61 70-61 69.40 69-15 69.19 69.90 69 · 78 69·74 69·74 70.07 70.15 69 - 40 69 - 15 69 - 19 69.94 69.82 69.40 69-11 69 - 15 69 - 90 69.82 69·15 69·24 69·79 69·74 69·74 70 - 49 69.36 69·07 69.86 69.82 $73 \cdot 40$ 70-49 69-57 60.82 60.82 69 - 57 69 - 24 69.78

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Lower Ste. Anne, for 1870.

TABLE No. 545.

						TABLE No. 345.						
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1										69·24 69·24 69·41 69·41 69·41	70·66 70·66 70·66 70·66 70·66	70·58 70·41 70·24 70·08 69·91
6										69·49 69·83 69·83 69·83 69·91	70 · 66 70 · 66 70 · 83 70 · 49 70 · 16	69·83 69·74 69·66 69·58 69·58
11 12 13 14 15										69 · 91 69 · 99 70 · 08 70 · 16 70 · 24	$\begin{array}{c} 70 \cdot 08 \\ 69 \cdot 66 \\ 69 \cdot 66 \\ 69 \cdot 66 \\ 69 \cdot 74 \end{array}$	69 · 41 69 · 33 69 · 33 69 · 33 69 · 24
16										70 · 24 70 · 33 70 · 49 70 · 49 70 · 83	69 · 83 69 · 99 70 · 08 70 · 24 70 · 33	69 · 24 69 · 24 69 · 16 69 · 16 69 · 16
21 22 23 24 25										70.83 70.83 70.74 70.66 70.66	70·41 70·49 70·58 70·66 70·66	69·16 69·16 69·16 69·16 69·16
26											70 · 66 70 · 66 70 · 66	69 · 24 69 · 24 69 · 24 69 · 24 69 · 24 69 · 24

ELEVATIONS above M.S.L. of Ottawa River at Lower Ste. Anne, for 1870-71.

TABLE No. 546.

									1.	ABLE .	NO. 540.
1	69 · 24 69 · 91 69 · 41 69 · 58 69 · 83	74.91 7 74.83 7 74.74 7	1·33 69·83 1·24 69·74 1·16 69·74 1·08 69·74 0·99 69·74	69 · 58 69 · 58 69 · 58 69 · 58 69 · 58	69·16 69·08 69·08 68·99 68·99	68 · 49 68 · 49 68 · 58 68 · 66 68 · 74	68 · 74 68 · 83 68 · 91 68 · 99 68 · 99	69-08 68-99 68-99 68-91 68-83	69 · 33 69 · 33 69 · 24 69 · 24	69·16 69·16 69·16 69·16 69·24	68 · 24 68 · 33 68 · 33 68 · 41 68 · 49
6	71.08 71.33 71.49 72.08 72.49	74 · 49 70 74 · 41 70 74 · 24 70	0.91 69.74 0.91 69.74 0.91 69.74 0.83 69.83 0.83 69.83	69 · 58 69 · 49 69 · 49 69 · 49 69 · 49	$68 \cdot 91$	68 · 66 68 · 58 68 · 58 68 · 58 68 · 58	$68 \cdot 91$ $68 \cdot 91$ $68 \cdot 91$ $68 \cdot 91$ $68 \cdot 83$	68 · 83 68 · 74 68 · 74 68 · 66 68 · 66	$\begin{array}{c} 69 \cdot 24 \\ 69 \cdot 24 \end{array}$	$69 \cdot 24$ $69 \cdot 41$ $69 \cdot 41$ $69 \cdot 41$ $69 \cdot 41$	68 · 58 68 · 66 68 · 74 68 · 83 69 · 08
11	72·83 73·16 73·41 73·58 73·74	73 · 83 70 73 · 66 70 73 · 49 70	0.74 69.83 0.74 69.83 0.74 69.83 0.58 69.83 0.58 69.74	69 · 41 69 · 41 69 · 41 69 · 33 69 · 33	68 · 91 68 · 83 68 · 83 68 · 83 68 · 74	58 · 58 68 · 58 68 · 58 68 · 58 68 · 58	$68 \cdot 91$ $68 \cdot 91$ $68 \cdot 99$ $68 \cdot 99$ $68 \cdot 99$	68 · 74 68 · 74 68 · 83 68 · 83 68 · 91	$\begin{array}{c} 69 \cdot 24 \\ 69 \cdot 24 \\ 69 \cdot 24 \\ 69 \cdot 16 \\ 69 \cdot 16 \end{array}$	$69 \cdot 41$ $69 \cdot 41$ $69 \cdot 41$ $69 \cdot 41$ $69 \cdot 49$	69·41 69·74 70·16 70·83 70·91
16	73 · 91 74 · 08 74 · 16 74 · 33 74 · 41	72.99 70 72.83 70 72.66 70	0·49 69·74 0·49 69·74 0·41 69·74 0·41 69·74 0·33 69·74	69 · 33 69 · 24 69 · 24 69 · 24 69 · 24	68 · 74 68 · 74 68 · 66 68 · 66 68 · 66	68 · 58 68 · 58 68 · 58 68 · 58 68 · 58	68 · 99 68 · 99 68 · 91 68 · 91 68 · 83	68 · 91 68 · 99 68 · 99 69 · 08 69 · 08	69·16 69·08 68·99 68·99 68·99	69·49 68·99 68·83 68·66 68·49	70 · 74 70 · 58 70 · 41 70 · 41 70 · 33
21	74 · 58 74 · 66 74 · 83 74 · 83 74 · 91	72 · 16 70 71 · 99 70 71 · 91 70	0 · 24 69 · 74 0 · 24 69 · 74 0 · 16 69 · 74 0 · 16 69 · 74 0 · 08 69 · 66	69·16 69·16 69·16 69·16	68 · 66 68 · 66 68 · 66 68 · 66 68 · 66	68 · 58 68 · 58 68 · 58 68 · 66 68 · 66	68 · 83 68 · 74 68 · 74 68 · 66 68 · 74	$69 \cdot 08$ $69 \cdot 16$ $69 \cdot 16$ $69 \cdot 24$ $69 \cdot 24$	$68 \cdot 99$ $69 \cdot 08$ $69 \cdot 08$ $69 \cdot 08$ $69 \cdot 08$	68 · 41 68 · 41 68 · 41 68 · 33 68 · 33	$70 \cdot 33$ $70 \cdot 24$ $70 \cdot 24$ $70 \cdot 16$ $70 \cdot 08$
26	74 · 91 74 · 99 74 · 99 74 · 99 74 · 99	71 · 58 69 71 · 49 69 71 · 41 69	9 · 99 69 · 66 9 · 99 69 · 66 9 · 91 69 · 66 9 · 91 69 · 66 9 · 83 69 · 66 69 · 66	69 · 16 69 · 16 69 · 16 69 · 16 69 · 16 69 · 16	68 · 66 68 · 58 68 · 58 68 · 49 68 · 49	68 · 74 68 · 74 68 · 74 68 · 74 68 · 74 68 · 74	68 · 83 68 · 91 68 · 99 68 · 99 68 · 99	69 · 33 69 · 33 69 · 33 69 · 33 69 · 33		68 · 24 68 · 24 68 · 24	69 · 99 69 · 91 69 · 83 69 · 66 69 · 66 69 · 66

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1871–72.

TABLE No. 547.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	69 · 66 69 · 66 69 · 66 69 · 66 69 · 74	72·24 72·33 72·49 72·66 72·83	71·41 71·33 71·24 71·16 71·08	69 · 74 69 · 74 69 · 66 69 · 66 69 · 58	68-91 68-91 68-83 68-83 68-83	68 · 41 68 · 41 68 · 33 68 · 33 68 · 24	67 · 83 67 · 74 67 · 83 67 · 83 67 · 83	67 · 58 67 · 58 67 · 58 67 · 49 67 · 49	67·58 67·58 67·66 67·74 67·83	67 · 99 67 · 91 67 · 91 67 · 91 67 · 99	67 · 91 67 · 91 67 · 91 67 · 91 67 · 99	67-66 67-66 67-66 67-66 67-66
6	69 · 83 69 · 91 69 · 99 70 · 08 70 · 16	72 · 99 73 · 16 73 · 33 73 · 49 73 · 49	70.99 70.91 70.91 70.83 70.74	69 · 58 69 · 49 69 · 49 69 · 41 69 · 41	68 · 74 68 · 74 68 · 66 68 · 66	$68 \cdot 24$ $68 \cdot 24$ $68 \cdot 24$ $68 \cdot 16$ $68 \cdot 16$	67 · 83 67 · 83 67 · 83 67 · 83 67 · 83	67 · 49 67 · 41 67 · 41 67 · 41 67 · 41	67 · 83 67 · 91 67 · 91 67 · 99 67 · 99	67.99 67.99 67.91 67.91 67.99	67 · 74 67 · 74 67 · 74 67 · 74 67 · 66	67 · 74 67 · 74 68 · 24 67 · 74 67 · 66
11	70 · 24 70 · 33 70 · 41 70 · 49 70 · 58	73 · 41 73 · 33 73 · 24 73 · 08 72 · 91	70 · 66 70 · 66 70 · 58 70 · 49 70 · 49	69·33 69·33 69·24 69·24	68 · 66 68 · 58 68 · 49 68 · 49	68 · 16 68 · 16 68 · 08 68 · 08 68 · 08	67 · 74 67 · 74 67 · 74 67 · 74 67 · 74	67 · 33 67 · 33 67 · 24 67 · 24	68.08 68.16 68.16 68.16	67 · 99 67 · 91 67 · 91 67 · 83 67 · 91	67 · 66 67 · 49 67 · 49 67 · 41 67 · 41	67 · 66 67 · 66 67 · 66 67 · 58 67 · 58
16. 17. 18. 19.	70·66 70·74 70·83 70·91 70·99	72·74 72·58 72·41 72·33 72·24	70·49 70·41 70·41 70·33 70·24	69 · 16 69 · 16 69 · 16 69 · 16 69 · 16	68·49 68·49 68·49 68·49	68 · 08 67 · 99 67 · 99 67 · 99	67 · 66 67 · 66 67 · 66 67 · 66	67 · 24 67 · 24 67 · 24 67 · 24 67 · 33	68 · 16 68 · 16 68 · 16 68 · 24 68 · 24	67.91 67.99 67.99 68.08 68.08	67·16 66·91 66·16 66·16 66·16	
21	71.08 71.16 71.33 71.41 71.49	72·16 72·08 71·99 71·91 71·83	70 · 16 70 · 16 70 · 08 70 · 08 69 · 99	69.08 69.08 69.08	68 · 58 68 · 58 68 · 66 68 · 74 68 · 83	67 · 99 67 · 99 67 · 91 67 · 91	67 · 66 67 · 66 67 · 58 67 · 58 67 · 58	67 · 33 67 · 41 67 · 41 67 · 49 67 · 49	68 · 24 68 · 33 68 · 33 68 · 41 68 · 49	67 · 99 67 · 99 67 · 91 67 · 91 67 · 91	66 · 16 66 · 24 66 · 33 66 · 49 66 · 66	67 · 74 67 · 74 67 · 74
26. 27. 28. 29. 30. 31.	71.83 71.91 71.99 72.16	71 · 74 71 · 66 71 · 58 71 · 58 71 · 49 71 · 49	69 · 91 69 · 91 69 · 83	68 · 99 68 · 99 68 · 99 68 · 91 68 · 91 68 · 91	68 · 83 68 · 74 68 · 66 68 · 74 68 · 49 68 · 41	67 · 91 67 · 91 67 · 83 67 · 83 67 · 83		67 · 58 67 · 58 67 · 58	68 · 41 68 · 41 68 · 33 68 · 33 68 · 33 68 · 24	67 · 91 67 · 91 67 · 91 67 · 91 67 · 91 67 · 91	67 · 16 67 · 41 67 · 66 67 · 66	67 · 66 67 · 66

ELEVATIONS above M.S.L. of Ottawa River at Lower Ste. Anne, for 1872-73.

TABLE No. 548.

	-											
1	67 · 74 67 · 83 67 · 91 67 · 99 68 · 08	69 · 24 69 · 41 69 · 66 69 · 83 69 · 99	71.08 70.99 70.99 70.91 70.91	68 · 66 68 · 66 68 · 58 68 · 49 68 · 49	67 · 91 67 · 91 67 · 91 67 · 91 67 · 91	67 · 49 67 · 49 67 · 41 67 · 41 67 · 41	67 · 83 67 · 83 67 · 74 67 · 66 67 · 74	68 · 16 68 · 16 68 · 16 68 · 16 68 · 16	$68 \cdot 08$ $68 \cdot 16$ $68 \cdot 16$ $68 \cdot 16$ $68 \cdot 33$	67 · 41 67 · 49 67 · 49 67 · 49	$68 \cdot 83$ $68 \cdot 99$ $69 \cdot 08$ $69 \cdot 16$ $69 \cdot 24$	67 · 83 67 · 83 67 · 83 67 · 83 67 · 91
6	$68 \cdot 16$ $68 \cdot 24$ $68 \cdot 33$ $68 \cdot 41$ $68 \cdot 49$	70 · 08 70 · 24 70 · 41 76 · 33 70 · 49	70·83 70·83 70·74 70·74 70·66	$68 \cdot 49$ $68 \cdot 41$ $68 \cdot 41$ $68 \cdot 41$ $68 \cdot 41$	67 · 91 67 · 83 67 · 83 67 · 83 67 · 74	67 · 41 67 · 41 67 · 49 67 · 49 67 · 49	67 · 83 67 · 99 68 · 24 68 · 49 68 · 49	68 · 16 68 · 16 68 · 16 68 · 08 68 · 08	68 · 41 68 · 58 68 · 66 68 · 83 69 · 08	67 · 58 67 · 58 67 · 58 67 · 66 67 · 66	69 · 16 69 · 08 68 · 99 68 · 91 68 · 83	$67 \cdot 91$ $67 \cdot 91$ $67 \cdot 99$ $67 \cdot 99$ $68 \cdot 08$
11	68 · 58 68 · 66 68 · 66 68 · 66 68 · 74	70 · 58 70 · 74 70 · 91 71 · 08 71 · 24	70-66 70-58 70-58 70-49 70-49	68 · 33 68 · 33 68 · 33 68 · 33 68 · 24	67 · 74 67 · 74 67 · 66 67 · 66 67 · 66	67 · 49 67 · 49 67 · 49 67 · 49 67 · 49	$68 \cdot 49$ $68 \cdot 49$ $68 \cdot 41$ $68 \cdot 41$ $68 \cdot 33$	68 · 68 68 · 08 68 · 08 68 · 08 68 · 08	69 · 24 69 · 33 69 · 49 69 · 49 69 · 49	67 · 74 67 · 74 67 · 74 67 · 83 67 · 83	68 · 74 68 · 74 68 · 66 68 · 66 68 · 58	$68 \cdot 08$ $68 \cdot 08$ $68 \cdot 16$ $68 \cdot 16$ $68 \cdot 16$
16	68·83 68·74 68·66 68·49 68·49	71.41 71.58 71.66 71.66 71.58	70·41 70·41 70·33 70·33 70·08	$68 \cdot 24$ $68 \cdot 24$ $68 \cdot 24$ $68 \cdot 24$ $68 \cdot 16$	67 · 66 67 · 58 67 · 58 67 · 58 67 · 49	67 · 49 67 · 49 67 · 66 67 · 74 67 · 83	68·33 68·33 68·33 68·33 68·24	68 · 08 67 · 99 67 · 99 67 · 99	69 · 49 69 · 33 68 · 99 68 · 66 68 · 58	67.91 67.91 67.99 67.99 67.99	68 · 49 68 · 49 68 · 41 68 · 33 68 · 24	$68 \cdot 16$ $68 \cdot 24$ $68 \cdot 24$ $68 \cdot 24$ $68 \cdot 24$
21	68 · 58 68 · 66 68 · 66 68 · 74 . 68 · 74	71.58 71.49 71.49 71.41 71.41	69-99 69-83 69-66 69-58 69-49	68 · 16 68 · 16 68 · 16 68 · 16 68 · 08	67 · 49 67 · 49 67 · 58 67 · 58 67 · 66	67 · 91 67 · 91 67 · 91 67 · 91 67 · 91	$68 \cdot 24$ $68 \cdot 24$ $68 \cdot 24$ $68 \cdot 24$ $68 \cdot 16$	67 · 99 67 · 99 67 · 91 67 · 91	68 · 24 67 · 91 67 · 74 67 · 66 67 · 58	68.08 68.08 68.16 68.16 68.24	68 · 16 68 · 16 68 · 08 68 · 08 67 · 99	$68 \cdot 24$ $68 \cdot 33$ $68 \cdot 33$ $68 \cdot 33$ $68 \cdot 41$
26	68-83 68-91 68-99 69-08	71·33 71·33 71·24 71·24 71·16 71·08	69·33 69·16 68·99 68·83 68·74	68.08 68.08 68.08 68.08 68.08	67 · 66 67 · 58 67 · 58 67 · 58 67 · 49 67 · 49	67 · 91 67 · 91 67 · 91 67 · 91 67 · 91	68 · 16 68 · 16 68 · 16 68 · 16 68 · 16 68 · 16	67.99 67.99 68.08 68.08 68.16	$67 \cdot 49$ $67 \cdot 49$ $67 \cdot 49$ $67 \cdot 41$ $67 \cdot 41$ $67 \cdot 41$	68.58	67·91 67·83 67·74	$68 \cdot 49$ $68 \cdot 58$ $68 \cdot 66$ $68 \cdot 74$ $68 \cdot 83$ $68 \cdot 99$

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Lower Ste. Anne, for 1873-74.

TABLE No. 549

			·							Т	ABLE	No. 549.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	69·08 69·08 69·16 69·16 69·33	71·49 71·58 71·66 71·74 71·83	73-66 73-49 73-33 73-16 72-99	70 · 24 70 · 24 70 · 24 70 · 16 70 · 16	69 · 33 69 · 33 69 · 24 69 · 16 69 · 08	68 · 33 68 · 33 68 · 33 68 · 33 68 · 33	68·16 68·08 68·16 68·33 68·41	69·16 69·16 69·08 69·08 69·08	68·33 68·33 68·41 68·91 69·66	69·66 69·66 69·74 69·74 69·83	70 · 41 70 · 41 70 · 41 70 · 41 70 · 49	69 · 66 69 · 66 69 · 66 69 · 74 69 · 74
6. 7. 8. 9.	69·49 69·74 70·08 70·41 70·58	71 · 91 71 · 99 72 · 16 72 · 33 72 · 41	72·91 72·74 72·58 72·49 72·41	70·16 70·08 70·08 69·99 69·99	69.08 68.99 68.99 68.91 68.91	68 · 24 68 · 24 68 · 24 68 · 24 68 · 24	68 · 58 68 · 66 68 · 66 68 · 74 68 · 74	68-99 68-99 68-91 68-91	69 · 66 69 · 58 69 · 41 69 · 33 69 · 16	69 · 83 69 · 91 69 · 99 69 · 99 70 · 08	70·49 70·49 70·49 70·49 70·41	69.83 69.83 69.91 69.99 69.99
11. 12. 13. 14. 15.	70·74 70·91 71·08 71·41 71·74	$72 \cdot 58$ $72 \cdot 74$ $72 \cdot 91$ $72 \cdot 99$ $73 \cdot 16$	$72 \cdot 24$ $72 \cdot 16$ $72 \cdot 08$ $71 \cdot 91$ $71 \cdot 83$	69.91 69.83 69.83 69.74	68 · 91 68 · 83 68 · 83 68 · 83 68 · 74	68 · 24 68 · 16 68 · 16 68 · 16 68 · 16	68 · 74 68 · 83 68 · 83 68 · 83 68 · 83	68-83 68-83 68-83 68-83 68-74	68 · 99 69 · 08 68 · 83 69 · 08 69 · 58	70 · 16 70 · 24 70 · 33 70 · 41 70 · 41	70 · 24 70 · 16 70 · 08 69 · 99 69 · 83	70 · 08 70 · 08 70 · 16 70 · 16 70 · 24
16. 17. 18. 19.	$\begin{array}{c} 71 \cdot 91 \\ 72 \cdot 08 \\ 72 \cdot 16 \\ 72 \cdot 24 \\ 72 \cdot 24 \end{array}$	73 · 24 73 · 33 73 · 41 73 · 49 73 · 58	71·74 71·66 71·49 71·33 71·41	69·74 69·66 69·66 69·66 69·58	68 · 74 68 · 74 68 · 66 68 · 66 68 · 66	68·16 68·08 68·08 68·08 68·08	68 · 83 68 · 83 68 · 83 68 · 91 68 · 91	68 · 74 68 · 74 68 · 74 68 · 66 68 · 66	69 · 16 68 · 91 68 · 74 68 · 66 69 · 24	70 · 49 70 · 49 70 · 58 70 · 58 70 · 66	69·66 69·58 69·49 69·41 69·33	70 · 33 70 · 33 70 · 41 70 · 49 70 · 58
21 22 23 24 25	7°·16 72·08 71·99 71·91 71·83	73 · 66 73 · 66 73 · 58 73 · 58 73 · 58	71·16 71·08 70·99 70·91 70·83	69·58 69·58 69·58 69·49 69·49	68 · 58 68 · 58 68 · 58 68 · 49 68 · 49	68.08 68.08 68.08 68.08 68.08	68 · 99 68 · 99 68 · 99 68 · 99 69 · 08	68-66 68-58 68-58 68-49 68-49	69·49 69·58 69·58 69·66 69·66	70 · 66 69 · 99 69 · 66 69 · 49 69 · 83	69 · 24 69 · 16 69 · 16 69 · 16 69 · 24	70 · 66 70 · 66 70 · 58 70 · 58 70 · 49
26. 27. 28. 29. 30. 31.	71-66 71-58 71-49 71-41 71-41	73 · 66 73 · 66 73 · 74 73 · 74 73 · 83 73 · 83	70 · 74 70 · 66 70 · 58 70 · 49 70 · 41	$\begin{array}{c} 69 \cdot 49 \\ 69 \cdot 49 \\ 69 \cdot 41 \\ 69 \cdot 41 \\ 69 \cdot 41 \\ 69 \cdot 41 \end{array}$	68·49 68·41 68·41 68·41 68·33 68·33	68·16 68·16 68·16 68·16 68·16	69·08 69·08 69·16 69·16 69·16	68 · 41 68 · 41 68 · 41 68 · 33 68 · 33	69.58 69.58 69.49 69.49 69.58	70 - 41	69 · 41 69 · 49 69 · 66	70 · 41 70 · 33 70 · 33 70 · 24 70 · 16 70 · 16

ELEVATIONS above M.S.L. of Ottawa River at Lower Ste. Anne, for 1874-75.

TABLE No. 550. 67 · 74 67 · 66 67 · 66 67 · 66 67 · 66 67.66 67.74 67.74 67.83 67.91 68 · 24 67 · 91 67 · 83 67 · 58 70.08 69-91 73·16 73·08 73·08 71 · 83 71 · 74 71 · 66 69-66 68-41 68-08 69-16 69-99 68-41 69.91 69.66 68.08 69.41 68 · 24 68 · 24 68 · 24 69.91 69.83 69.58 68-41 69.24 69·83 69·74 72.99 72.9971 · 58 71 · 49 69-49 68-41 69.83 68 - 08 69.33 69.74 68.33 69-24 68:08 66-99 6.... 71.41 67.99 68-91 72.91 72.91 72.83 72.83 72.74 69.58 69.83 69.91 71 · 33 71 · 24 71 · 16 69.33 68.33 68 - 16 $67.58 \\ 67.58 \\ 67.58$ 68-08 68-83 66·58 67·58 68.74 69-49 68 - 33 68.08 67.99 68-16 68-24 68-91 68-91 69-41 70.08 69.24 68 - 24 67·16 67·24 68-41 69-49 71.08 69.24 68-33 68.74 68-33 $\begin{array}{c} 72\cdot 66 \\ 72\cdot 66 \\ 72\cdot 58 \\ 72\cdot 49 \\ 72\cdot 41 \end{array}$ 69.58 70.41 $70.99 \\ 70.91$ 69-16 68-24 $67 \cdot 91 \\ 67 \cdot 91$ 67.58 68-41 $68 \cdot 74$ 67.58 67.74 67.9969.74 70 · 58 70 · 74 70 · 99 69-16 67.58 67.58 67.58 68-24 68-49 68-66 68-16 67-99 69-91 70 · 83 70 · 74 69.08 68-24 67.91 67.91 68.58 68 - 74 70.08 69.08 68-24 68-66 68-24 70.66 70-16 $71 \cdot 16$ 69.08 $68 \cdot 24$ $67 \cdot 58$ $68 \cdot 74$ 68-16 68-58 67-66 71 · 41 71 · 49 71 · 66 71 · 99 68-41 70-41 72·16 72·08 71·99 70 · 49 70 · 41 70 · 41 68-99 68 - 24 67.83 67.83 67.83 68.91 68-33 68.33 67.66 67.74 67.74 67 · 66 67 · 66 68-99 70 · 33 70 · 24 68-99 68-91 68 - 24 68 - 33 68 - 49 19. 68-24 68-16 60.08 68-66 68.58 70 - 24 72.33 70.33 68-91 67.66 69 - 16 68.74 68-49 72 · 66 72 · 83 72 · 99 73 · 16 73 · 16 71.99 71.99 72.08 72.08 67.83 67.83 67.83 67.74 67-66 67-66 67-66 70.24 $70 \cdot 24$ $70 \cdot 24$ $70 \cdot 16$ 68.01 68-16 69.24 68-66 68-49 68-16 70·24 70·24 70·24 70·24 70·24 68-83 69-16 68 - 33 68 · 16 68-41 68 - 16 68-83 69.08 68-33 68-49 68 - 16 24 25 70.08 68 - 74 68 - 08 68.66 68-41 68.33 67.99 68-74 68-33 68.08 67.66 68-16 68.08 $70 \cdot 24$ 68-661 68-08 $67 \cdot 74$ 67-66 68-91 68-24 68.08 73 · 08 72 · 99 72 · 91 72 · 99 67 · 74 67 · 74 67 · 74 67 · 74 67-66 67-66 67-66 67-66 70·24 70·24 70·24 $72 \cdot 16$ $72 \cdot 08$ $71 \cdot 99$ 69.91 69.91 68 · 66 68 · 58 69.24 68·33 68·49 67.91 67.74 67.83 68.08 68-08 69.83 68-58 68-08 68.58 69.66 71.91 69 · 74 69 · 74 68-49 68-08 69-66 68-49 $67 \cdot 74$ 69.66 $68 \cdot 41$ 67-58

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Lower Ste. Anne, for 1875-76.

TABLE No. 551.

TABLE No. 552.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1		69·16 69·08 69·41 69·83 69·83	72·08 71·99 71·83 71·83 71·66	69·16 69·16 69·16 69·08 69·08	68·33 68·24 68·24 68·24 68·16	68-08 68-08 68-08 67-83 67-99	67·74 67·74 67·74 67·74 67·83	68-08 67-99 67-91 67-91	67-99 67-99 69-24 69-58 68-83	68-99 68-66 68-49 68-41 69-24		
6		69.83 69.91 70.33 70.66	71 · 33 71 · 24 71 · 08 70 · 99 70 · 83	69 · 08 68 · 99 68 · 99 68 · 91 68 · 91	$\begin{array}{c} 68 \cdot 24 \\ 68 \cdot 16 \\ 68 \cdot 16 \\ 68 \cdot 16 \\ 68 \cdot 24 \end{array}$	67·99 67·91 67·99 67·99 68·08	67.83 67.91 67.41 67.83 67.83	67.83 67.91 67.91 67.83	69 · 24 68 · 91 68 · 83 68 · 83 68 · 83	$69 \cdot 41$ $69 \cdot 41$ $69 \cdot 66$ $69 \cdot 66$ $69 \cdot 58$	68 - 66	
11 12 13 14 15		$70 \cdot 99$ $71 \cdot 41$ $71 \cdot 58$ $72 \cdot 08$ $72 \cdot 33$	70 · 74 70 · 66 70 · 41 70 · 24 70 · 16	68 · 91 68 · 83 68 · 83 68 · 74 68 · 74	$68 \cdot 24$ $68 \cdot 16$ $68 \cdot 24$ $68 \cdot 24$ $68 \cdot 24$	67 · 83 67 · 83 67 · 74 67 · 83 67 · 74	$67 \cdot 74$ $67 \cdot 74$ $67 \cdot 74$ $67 \cdot 83$ $67 \cdot 83$	67·74 67·91 67·91 67·91 67·74	68 · 91 68 · 74 68 · 49 68 · 24 68 · 24	69·41 69·66 69·83 69·74 69·66	69·08 69·24	
16 17 18 18 19		72·83 73·08 73·41 73·49 73·66	70 · 08 69 · 99 69 · 83 69 · 74 69 · 74	68-66 68-66 68-58 68-49 68-49	68·24 68·33 68·49 68·41 68·33	67.83 67.74 67.66 67.74 67.83	67.91 67.83 67.91 67.83 67.83	67.66 67.74 68.08 68.33 68.24	68 · 24 68 · 24 68 · 33 67 · 99 68 · 66	69·33 69·58 69·58 69·49 69·58	69·49 69·49 69·49 69·74 69·91	
21 22 23 24 25		73 · 49 73 · 49 73 · 41 73 · 16 72 · 99	69-66 69-66 69-58 69-49 69-41	68 · 49 68 · 49 68 · 66 68 · 58 68 · 58	68·41 68·41 68·41 68·33 68·33	67·74 67·74 67·66 67·66 67·66	$67 \cdot 91$	68 · 16 67 · 91 67 · 91 67 · 66 67 · 83	68-66 68-58 68-91 68-91 69-08	69·58 69·41 69·49 69·66	69-24	
26		72.99 72.99 72.83 72.83 73.16 72.58	69 · 33 69 · 16 69 · 16 69 · 16 69 · 24	68-49 68-49 68-58 68-33 68-33	68-24 68-33 68-24 68-16 68-16 68-16	67-66 67-66 67-74 67-66 67-66	67.99 67.66 67.91 67.83 67.91	67.83 67.66 67.83 67.66 67.83	69-24 69-41 69-41 69-41 68-99 68-99	69·41 69·66 69·83 69·49 69·33	70·33 70·16 69·91	

ELEVATIONS above M.S.L. of Ottawa River at Lower Ste. Anne, for 1876-77.

1 2 3 4 5	69·66 69·58 69·66 69·58 69·58	$\begin{array}{c} 73 \cdot 24 \\ 73 \cdot 24 \\ 73 \cdot 33 \\ 73 \cdot 16 \\ 73 \cdot 33 \end{array}$	74 · 83 74 · 66 74 · 58 74 · 41 74 · 16	$\begin{array}{c} 72 \cdot 16 \\ 72 \cdot 08 \\ 71 \cdot 74 \\ 71 \cdot 99 \\ 71 \cdot 91 \end{array}$	70·08 70·08 69·99 69·99 69·99	69·16 69·08 69·08 69·08 69·08	68 · 66 68 · 66 68 · 58 68 · 83 68 · 83	68 · 66 68 · 66 68 · 83 68 · 74 68 · 66	69·91 69·91 70·08 69·66 69·66	68 · 99 68 · 41 68 · 33 68 · 33 68 · 41	67·91 67·91 67·93 67·83 67·83
6	$\begin{array}{c} 69\cdot 66 \\ 69\cdot 99 \\ 70\cdot 16 \\ 70\cdot 24 \\ 70\cdot 24 \end{array}$	73·49 73·74 74·08 74·49 74·74	73 · 99 73 · 74 73 · 66 73 · 49 73 · 41	71.83 71.83 71.91 71.74 71.74	69·91 69·83 69·83 69·83 69·74	68 · 99 68 · 99 68 · 99 68 · 91 68 · 83	68 · 83 68 · 83 68 · 91 68 · 83 68 · 91	68-66 68-74 68-83 68-66 68-74	$70 \cdot 16 \\ 70 \cdot 24 \\ 70 \cdot 33 \\ 69 \cdot 99 \\ 69 \cdot 99$	68 · 24 68 · 16 68 · 16 68 · 41 68 · 49	67.83 67.91 67.91 67.91 67.99
11	70·08 70·24 70·49 70·83 71·24	75·16 75·74 75·91 76·16 76·41	73·33 73·24 73·08 73·16 73·16	71·74 71·58 71·58 71·49 71·41	69·74 69·66 69·66 69·58 69·58	68 · 74 68 · 74 68 · 74 68 · 74 68 · 66	68 · 83 68 · 83 68 · 91 68 · 91 68 · 91	68 · 99 69 · 16 69 · 49 69 · 24 69 · 08	$69 \cdot 83$ $69 \cdot 58$ $69 \cdot 41$ $69 \cdot 16$ $69 \cdot 16$	68 · 24 68 · 16 67 · 99 67 · 90 68 · 33	$67 \cdot 99$ $67 \cdot 99$ $67 \cdot 99$ $68 \cdot 08$ $68 \cdot 08$
16	71 · 83 71 · 91 72 · 24 72 · 24 72 · 24	$76 \cdot 49 \\ 76 \cdot 41 \\ 76 \cdot 41 \\ 76 \cdot 41 \\ 76 \cdot 24$	73 · 16 73 · 16 73 · 16 73 · 24 73 · 16	71·16 71·08 70·99 70·99 70·74	69·58 69·49 69·41 69·58 69·49	68·74 68·74 68·66 68·74 68·74	68 · 91 68 · 83 68 · 91 68 · 91 68 · 91	69·08 68·91 68·83 68·74 68·83	$\begin{array}{c} 68 \cdot 74 \\ 68 \cdot 91 \\ 69 \cdot 41 \\ 69 \cdot 83 \\ 70 \cdot 16 \end{array}$	68 · 49 68 · 24 68 · 16 68 · 41 68 · 83	$68 \cdot 08$ $69 \cdot 91$ $69 \cdot 83$ $69 \cdot 91$ $69 \cdot 58$
21	72·33 72·41 72·49 72·66 72·74	76 · 24 76 · 16 76 · 08 75 · 83 75 · 83	73 · 16 72 · 99 72 · 99 72 · 91 72 · 74	70·83 70·66 70·58 70·58 70·49	69·41 69·33 69·33 69·24 69·16	68 · 66	68 · 91 68 · 91 68 · 83 68 · 99 68 · 99	68 · 91 69 · 16 69 · 49 69 · 58 69 · 58	$69 \cdot 58$ $69 \cdot 41$ $69 \cdot 33$ $69 \cdot 49$ $69 \cdot 41$	68 · 99 68 · 66 68 · 33 68 · 08 68 · 08	69·58 69·49 69·83 69·74 69·91
26	72-83 72-74 72-83 72-91 73-24	75 · 74 75 · 66 75 · 58 75 · 49 75 · 41 75 · 08	72 · 74 72 · 66 72 · 66 72 · 58 72 · 41	$70 \cdot 33$ $70 \cdot 08$ $70 \cdot 16$ $70 \cdot 24$ $70 \cdot 24$ $70 \cdot 16$	69·16 69·08 69·08 69·16 69·16 69·16	68-74 68-74 68-74 68-83 68-83	68-91 68-74 68-74 68-74 68-74	69·66 69·66 69·16 69·24 69·33 69·33	69-33 69-58 69-49 69-49 69-41 69-24	67-99 67-99 67-91	70.66 70.66 71.66 71.83 71.74 70.91

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Lower Ste. Anne, for 1877-78.

												01 0001
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	69·08 69·24	70·91 70·91	69·83 69·74	68·99 68·99	68 · 58 68 · 49	68 · 08 68 · 08	67·66 67·66	67-66 67-58	68-66 68-66	67·99 68·08	69·16 68·83	68 · 49 68 · 58
3 4 5	69·66 69·66 69·74	70·66 70·74 70·66	69 · 74 69 · 66 69 · 58	69-08 69-08 69-08	68 · 49 68 · 49 68 · 49	68 · 08 68 · 08 68 · 16	67 · 66 67 · 49 67 · 49	67 · 66 67 · 74 67 · 83	68-66 68-66	68 · 08 68 · 49 68 · 91	68-83 68-91 68-83	68·33 68·33 68·41
6	69·66 69·74 69·74	70.66 70.66 70.49	69·49 69·41 69·33	68 · 99 68 · 99 · 68 · 99	68 · 49 68 · 49 68 · 49	68 · 16 67 · 99 67 · 91	67 · 49 67 · 58 67 · 58	67 · 83 67 · 74 67 · 74	68-66 68-83 68-83	68 · 91 68 · 99	68 · 74 68 · 49 68 · 24	68 · 49 68 · 49 68 · 66
9 10	69·74 69·58 69·74	70+41 70+24 70+24	69 · 24 69 · 24 69 · 24	68 · 99 68 · 99	68-49 68-49	67-91 67-91	67 · 58 67 · 66 67 · 74	67.91 68.08 67.99	68 · 83 68 · 83 68 · 99	69 · 16 69 · 41 69 · 24	68 · 16 68 · 08 67 · 99	69·16 69·24
12 13 14 15	69-66 69-66 69-58	70·16 70·16 69·99 69·99	69 · 24 69 · 24 69 · 24 69 · 16	68·99 68·91 68·83 68·83	68 · 49 68 · 33 68 · 33 68 · 33	67 · 91 67 · 91 67 · 91 67 · 91	67·74 67·74 67·66 67·66	67 · 91 67 · 91 67 · 91 67 · 91	68 · 83 68 · 83 68 · 66 68 · 49	68 · 83 68 · 66 68 · 66 68 · 58	68 · 16 68 · 66 68 · 74 68 · 58	69·16 68·99 68·99 69·08
16	69 · 58 69 · 66 69 · 66 69 · 91 70 · 16	69·91 69·91 69·91 69·91 69·91	69·16 69·16 69·16 69·08 69·08	68-83 68-83 68-83 68-83	68 · 33 68 · 33 68 · 33 68 · 24	67 · 91 67 · 91 67 · 91 67 · 91 67 · 83	67 · 66 67 · 74 67 · 66 67 · 66 67 · 58	67 · 83 67 · 99 67 · 99 67 · 91 67 · 91	$68 \cdot 58$ $68 \cdot 66$ $68 \cdot 74$ $68 \cdot 41$ $68 \cdot 41$	68 · 99 69 · 41 69 · 91 69 · 83 69 · 66	68 · 49 68 · 33 68 · 24 68 · 24 68 · 49	69 · 16 69 · 24 69 · 16 69 · 16 69 · 16
21	70·41 70·49 70·58 70·58 70·58	69-91 69-91 69-91 69-91	69·08 68·99 68·99 68·99 68·99	68 · 83 68 · 83 68 · 66 68 · 66	68 · 24 68 · 24 68 · 24 68 · 24 68 · 24	67·83 67·83 67·74 67·74 67·74	67-49 67-41 67-49 67-58 67-74	67 · 99 67 · 91 67 · 99 68 · 08 68 · 08	68 · 41 68 · 41 68 · 41 68 · 33 68 · 33	68 · 91 68 · 66 68 · 58 68 · 49 69 · 08	68 · 24 68 · 16 67 · 99 67 · 99	69·16 68·99 68·99 68·99
26	70 · 66 70 · 66 70 · 66 70 · 74 70 · 74	69 · 99 70 · 08 69 · 99 69 · 83 69 · 83	68 · 99 68 · 99 68 · 99 68 · 99	68 · 66 68 · 66 68 · 74 68 · 83 68 · 74 68 · 66	68 · 24 68 · 16 68 · 16 68 · 16 68 · 16	67·74 67·66 67·66 67·58 67·58	67-66 67-58 67-58 67-66 67-66	68·16 68·24 68·33 68·58 68·66	$\begin{array}{c} 68 \cdot 24 \\ 68 \cdot 24 \\ 68 \cdot 24 \\ 68 \cdot 24 \\ 68 \cdot 16 \\ 68 \cdot 16 \end{array}$	70.33	68·16 68·33 68·41	68 · 83 68 · 83 68 · 83 68 · 83 68 · 99 69 · 16

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne. for 1878-79.

									TA	BLE No	. 554.
1	69-08 69-08 69-08 69-08 69-08	70 · 24 70 · 24 70 · 16 70 · 16 70 · 16	69 · 41 69 · 41 69 · 41 69 · 41 69 · 33	68 · 99 68 · 99 68 · 99 68 · 99	68 · 83 68 · 83 68 · 83 68 · 83 68 · 74	68-99 68-99 68-99 68-99	70·16 70·16 70·16	70 · 49 70 · 58 70 · 58 70 · 58 70 · 58 70 · 41	71 · 16 71 · 16 70 · 08 71 · 16 71 · 08	69 · 99 70 · 08 70 · 08 69 · 99 69 · 83	69·41 69·41 69·49 69·49 69·16
6	69·16 69·24 69·33 69·41 69·41	70 · 16 70 · 08 69 · 91 69 · 83 69 · 74	$69 \cdot 33$ $69 \cdot 24$ $69 \cdot 24$ $69 \cdot 24$ $69 \cdot 24$	68 · 99 68 · 99 68 · 99 68 · 99 68 · 99	68 · 74 68 · 74 68 · 74 68 · 66 68 · 66	$68 \cdot 99$ $68 \cdot 91$ $68 \cdot 99$ $68 \cdot 99$ $68 \cdot 91$	70 · 16 70 · 16 70 · 08 69 · 99 69 · 91	70 · 41 70 · 24 70 · 16 69 · 99 69 · 99	70 · 99 70 · 91 70 · 83 70 · 83 70 · 58	69 · 74 69 · 66 69 · 41 69 · 58 69 · 66	69·08 69·16 69·16 69·08 68·91
11	69·41 69·74 69·91 70·41 70·16	69 · 74 69 · 74 69 · 74 69 · 74 69 · 74	$\begin{array}{c} 69 \cdot 24 \\ 69 \cdot 24 \\ 69 \cdot 16 \\ 69 \cdot 16 \\ 69 \cdot 16 \end{array}$	$\begin{array}{c} 69 \cdot 08 \\ 69 \cdot 16 \\ 69 \cdot 16 \\ 69 \cdot 24 \\ 69 \cdot 24 \end{array}$	68 · 58 68 · 58 68 · 58 68 · 74 68 · 83	68 · 91 68 · 83 68 · 83 68 · 83 68 · 83	69 · 83 70 · 16 69 · 91 69 · 91 69 · 91	70 · 33 71 · 24 71 · 24 71 · 24 71 · 24	70 · 49 70 · 58 70 · 66 70 · 74 70 · 66	69'83 69 · 99 69 · 91 69 · 91 69 · 99	68 · 83 68 · 83 68 · 83 68 · 83 69 · 08
16. 17. 18. 19. 20.	70·16 70·16 70·08 70·08 70·08	69 · 66 69 · 58 69 · 58 69 · 58 69 · 58	$69 \cdot 08$ $68 \cdot 99$	69 · 24 69 · 16 69 · 16 69 · 33 69 · 24	68 · 83 68 · 91 68 · 91 68 · 91 68 · 74	$68 \cdot 91$ $68 \cdot 91$ $68 \cdot 99$ $69 \cdot 16$ $69 \cdot 41$	69 · 83 69 · 83 69 · 74 69 · 74 69 · 66	70·99 70·99 70·99 70·99 70·99	70 · 49 70 · 58 70 · 66 70 · 74 70 · 83	$\begin{array}{c} 70 \cdot 24 \\ 70 \cdot 41 \\ 70 \cdot 33 \\ 70 \cdot 24 \\ 70 \cdot 24 \end{array}$	69·03 69·16 69·24 69·33 69·24
21 22 23 24 25	70·08 70·08 70·08 70·08 69·99	$69 \cdot 58$ $69 \cdot 49$ $69 \cdot 49$ $69 \cdot 41$ $69 \cdot 41$	$68 \cdot 99$ $68 \cdot 99$ $68 \cdot 99$ $68 \cdot 91$ $68 \cdot 91$	69·16 69·08 68·99 68·99 68·99	68 · 83 68 · 91 68 · 91 68 · 99 69 · 08	$69 \cdot 41$ $69 \cdot 58$ $69 \cdot 66$ $69 \cdot 58$ $69 \cdot 58$	69-66 69-66 69-74 69-83 69-91	71 - 41 71 - 41 71 - 49 71 - 33 71 - 41	70 · 58 70 · 58 70 · 58 70 · 58 70 · 58 70 · 58	$70 \cdot 16$ $70 \cdot 16$ $69 \cdot 91$ $69 \cdot 66$ $69 \cdot 49$	$69 \cdot 16$ $69 \cdot 16$ $69 \cdot 16$ $68 \cdot 99$ $68 \cdot 99$
26. 27. 28. 29. 30. 31.	70·08 70·08 70·08 70·16 70·16	69 · 33 69 · 41 69 · 41 69 · 41 69 · 41	68 · 99 69 · 08 69 · 08 69 · 08 69 · 08 69 · 08	68 · 91 68 · 91 68 · 91 68 · 91 68 · 83 68 · 83	69-08 69-08 69-08 68-99 68-99	69 · 66 69 · 91 69 · 91 69 · 99 70 · 33 70 · 33 .	69-99 70-16 70-08 70-33 70-33	$\begin{array}{c} 71 \cdot 41 \\ 71 \cdot 41 \\ 71 \cdot 16 \end{array}$	70 · 33 70 · 33 70 · 33 70 · 41 60 · 66 69 · 99	69·49 69·41 69·41	$68 \cdot 91$ $68 \cdot 91$ $68 \cdot 91$ $68 \cdot 99$ $69 \cdot 16$ $69 \cdot 24$

6 GEORGE V, A. 1916

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1879–80.

ABLE No. 555

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	69·33 69·41 69·49 69·49 69·49	71·83 71·99 72·24 72·41 72·58	72·33 72·24 72·16 72·08 71·99	70·08 69·91 69·91 69·91 69·83	69·33 69·16 69·08 68·99 68·99	68·33 68·33 68·33 68·33	68·16 68·16 68·16 68·16 68·16	67·66 67·66 67·58 67·41 67·41	67 · 83 67 · 83 67 · 83 67 · 74 67 · 66	69 · 66 69 · 91 69 · 83 69 · 91 69 · 99	69·41 69·49 69·49 69·49 69·49	69·08 69·16 69·24 69·33 69·41
6	69 · 41 69 · 49 69 · 49 69 · 49	72 · 66 72 · 74 72 · 74 72 · 74 72 · 83	71 · 83 71 · 66 71 · 49 71 · 41 71 · 33	69 · 74 69 · 66 69 · 66 69 · 66 69 · 66	68 · 99 68 · 91 68 · 83 68 · 74	68·33 68·33 68·33 68·24	68·08 67·99 67·99 67·91	67-41 67-33 67-33 67-33 67-33	67 · 66 67 · 83 67 · 91 68 · 08 68 · 16	70·08 70·16 70·33 70·49 70·16	69 · 66 70 · 49 70 · 33 70 · 16 69 · 91	69·41 69·66 69·66 69·58 69·49
11	69 · 49 69 · 49 69 · 74 69 · 83 69 · 99	72.83 72.83 72.83 72.91 72.91	71 · 24 71 · 24 70 · 99 70 · 99 70 · 91	69 · 58 69 · 58 69 · 49 69 · 49	68 · 74 68 · 66 68 · 66 68 · 66 68 · 58	$68 \cdot 24$ $68 \cdot 16$ $68 \cdot 16$ $68 \cdot 16$ $68 \cdot 16$	67 · 91 67 · 91 67 · 83 67 · 83 67 · 83	67·33 67·33 67·33 67·33 67·41	68 · 24 68 · 33 68 · 41 68 · 41 68 · 41	69.58 69.58 69.66 69.99 69.74	69 · 83 69 · 83 69 · 24 69 · 24 69 · 16	69 · 49 69 · 49 69 · 66 69 · 66
16	70·24 70·66 70·83 70·99 70·99	72·99 73·33 73·58 73·83 73·99	70·83 70·83 70·74 70·74 70·66	69·49 69·49 69·49 69·41	68 · 49 68 · 41 68 · 41 68 · 41 68 · 49	68·16 68·16 68·24 68·24 68·33	67 · 74 67 · 74 67 · 74 67 · 66 67 · 66	67 · 58 67 · 74 67 · 74 67 · 74 67 · 74	68·41 68·49 68·58 68·58	70.08 69.66 68.99 68.91 68.91	69·08 68·91 68·74 68·83 68·91	69·49 69·33 69·36 69·16 69·08
21	71·16 71·16 71·24 71·24 71·24	74.08 74.08 74.08 73.99 73.83	70·58 70·58 70·58 70·58 70·33	69·33 69·33 69·33 69·33	68 · 49 68 · 49 68 · 58 68 · 58 68 · 49	68·33 68·24 68·24 68·24 68·24	67 · 66 67 · 66 67 · 66 67 · 66 67 · 66	67-66 67-66 67-74 67-83 67-83	68 · 66 68 · 91 69 · 16 69 · 49 69 · 91	69.08 69.16 69.33 69.66 69.91	69 · 58 69 · 58 69 · 33 69 · 08 69 · 08	68-99 68-99 68-99 68-99
26		73 · 66 73 · 49 73 · 33 72 · 99 72 · 66 72 · 49	70·33 70·33 70·16 70·08 69·99	69·33 69·33 69·33 69·41 69·41	68-41 68-33 68-33 68-33 68-33	68 · 24 68 · 24 68 · 24 68 · 16 68 · 16	67 · 66 67 · 66 67 · 66 67 · 66 67 · 66	67.58 67.58 67.58	69 · 91 69 · 91 69 · 91 69 · 91 69 · 91	69 · 91 69 · 74 69 · 24 69 · 24 69 · 24 69 · 33	69 - 08 69 - 08 69 - 08 69 - 08	68 · 99 68 · 99 68 · 99 68 · 74 68 · 66 68 · 66

ELEVATIONS above M.S.L. of Ottawa River at Lower Ste. Anne, for 1880–81.

										TA	BLE No	. 556.
1	68 · 74 68 · 83 68 · 99 70 · 49 70 · 83	71·91 72·08 72·08 72·08 72·08	$\begin{array}{c} 72 \cdot 99 \\ 72 \cdot 91 \\ 72 \cdot 83 \\ 72 \cdot 66 \\ 72 \cdot 58 \end{array}$	$70 \cdot 66$ $70 \cdot 58$ $70 \cdot 49$ $70 \cdot 41$ $70 \cdot 24$	69·24 69·16 69·08 69·08 69·08	$68 \cdot 16$	$67 \cdot 99$	$68 \cdot 16$ $68 \cdot 16$ $68 \cdot 24$ $68 \cdot 24$ $68 \cdot 24$	68 · 66 68 · 66 68 · 83 68 · 91 68 · 83	69·58 69·49 69·49 69·41 68·83	68·16 68·16 68·33 68·49 68·66	67 · 74 67 · 74 67 · 74 67 · 74 67 · 66
6	70 · 99 71 · 16 71 · 08 70 · 99 70 · 99	$\begin{array}{c} 72 \cdot 08 \\ 72 \cdot 08 \\ 72 \cdot 08 \\ 72 \cdot 16 \\ 72 \cdot 41 \end{array}$	72·49 72·41 72·24 72·16 72·08	$\begin{array}{c} 70 \cdot 24 \\ 70 \cdot 16 \\ 70 \cdot 08 \\ 69 \cdot 99 \\ 69 \cdot 91 \end{array}$	68 · 99 68 · 99 68 · 99 68 · 91 68 · 91	68·16 68·33 68·33 68·33 68·33	$67 \cdot 99$ $67 \cdot 91$ $67 \cdot 91$ $67 \cdot 91$ $67 \cdot 91$	68 · 24 68 · 24 68 · 33 68 · 41 68 · 58	$68 \cdot 74$ $68 \cdot 66$ $68 \cdot 66$ $68 \cdot 74$ $68 \cdot 74$	$68 \cdot 91$ $69 \cdot 08$ $69 \cdot 16$ $69 \cdot 33$ $69 \cdot 49$	68.66 68.66 68.66 68.16 67.99	67.58 67.66 67.74 67.91 67.91
11	70 - 66 70 - 66 70 - 58 70 - 58 70 - 66	72-66 72-83 72-99 73-16 73-16	72·08 72·08 72·08 72·08 72·08 71·99	69·83 69·83 69·74 69·58 69·49	68 · 83 68 · 74 68 · 66 68 · 66 68 · 58	68 · 33 68 · 24 68 · 16 68 · 16 68 · 58	$67 \cdot 91$	68·74 68·99 69·33 69·41 69·41	$68 \cdot 83$ $68 \cdot 99$ $69 \cdot 33$ $69 \cdot 16$ $69 \cdot 08$	$69 \cdot 24$ $69 \cdot 16$ $69 \cdot 16$ $69 \cdot 08$ $69 \cdot 08$	$67 \cdot 83$ $67 \cdot 83$ $67 \cdot 74$ $67 \cdot 74$ $67 \cdot 99$	$67 \cdot 99$ $67 \cdot 99$ $67 \cdot 99$ $67 \cdot 99$ $68 \cdot 16$
16	70 · 66 70 · 74 70 · 74 70 · 83 70 · 91	73·16 73·41 73·49 73·58 73·58	71.91 71.83 71.66 71.58 71.49	$69 \cdot 41$	68 · 58 68 · 49 68 · 49 68 · 49 68 · 49	68 · 58 68 · 08 68 · 08 68 · 08 68 · 08	67.91 67.91 67.91 67.99 68.16	69·41 69·49 69·66 69·33 69·33	68 · 91 68 · 58 68 · 58 68 · 58 68 · 66	69.08 68.99 68.99 68.99 68.99	68 · 16 67 · 99 67 · 99 67 · 99 67 · 99	68 · 16 68 · 33 68 · 41 68 · 49 69 · 66
21. 22. 23. 24. 25.	70 · 99 70 · 99 71 · 16 71 · 16 71 · 16	73 · 49 73 · 41 73 · 33 73 · 24 73 · 24	$\begin{array}{c} 71 \cdot 41 \\ 71 \cdot 24 \\ 71 \cdot 16 \\ 71 \cdot 08 \\ 70 \cdot 99 \end{array}$	$69 \cdot 41$	68 · 58 68 · 58 68 · 49 68 · 49 68 · 49	68 · 08 68 · 08 68 · 08 68 · 08 67 · 91	68 · 16 67 · 99 68 · 16 68 · 16 68 · 16	69 · 33 69 · 33 69 · 41 69 · 58 69 · 66	68-91 68-91 69-49 69-49 69-49	69.08 69.08 68.91 68.58 68.41	$67 \cdot 99$ $67 \cdot 99$ $67 \cdot 99$ $67 \cdot 99$ $67 \cdot 91$	69 · 66 70 · 08 70 · 66 70 · 91 70 · 91
26 27 28 29 30 31	71·16 71·33 71·66 71·74 71·74	73 · 24 73 · 24 73 · 16 73 · 08 73 · 08 73 · 08	70 · 83 70 · 74 70 · 66 70 · 66 70 · 66	69·33 69·33 69·33 69·24 69·24 69·24	68 · 24 68 · 24 68 · 16 68 · 16 68 · 16 68 · 16	67 · 91 67 · 91 67 · 91 67 · 91 67 · 91	$\begin{array}{c} 68 \cdot 16 \\ 68 \cdot 08 \\ 67 \cdot 99 \\ 67 \cdot 99 \\ 68 \cdot 08 \\ 68 \cdot 16 \end{array}$	69 · 66 69 · 24 69 · 16 68 · 74 68 · 74	69 · 49 69 · 74 69 · 83 69 · 74 69 · 66 69 · 66	$68 \cdot 41$ $68 \cdot 24$ $68 \cdot 16$ $67 \cdot 83$ $67 \cdot 99$ $68 \cdot 16$		70 · 83 69 · 66 69 · 16 69 · 16 69 · 16 68 · 99

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1881-82.

ABLE No.

											DLE NO	0. 001.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	68-83 68-83 69-08 69-08 68-99	69·83 70·16 70·41 70·58 70·74	71 · 41 71 · 16 70 · 91 70 · 91 70 · 83	69.08 69.08 69.08 69.08 68.99	68-49 68-49 68-49 68-49	67 · 74 67 · 74 67 · 74 67 · 91 67 · 91		67·58 67·58 67·49 67·49 67·58	67 · 66 67 · 66 67 · 66 67 · 66 67 · 66	68 · 16 68 · 16 68 · 16 68 · 33 69 · 16	69 · 99 69 · 99 69 · 91 69 · 91	68 · 66 69 · 41 69 · 66 70 · 33 70 · 16
6. 7. 8. 9.	68 · 99 68 · 66 68 · 58 68 · 58 68 · 66	70 · 74 70 · 74 70 · 83 70 · 83 70 · 83	70·74 70·74 70·58 70·58 70·24	68 · 91 68 · 83 68 · 83 68 · 83	68 · 49 68 · 49 68 · 49 68 · 41 68 · 33	67·91 67·99 67·74 67·74		67 · 58 67 · 58 67 · 66 67 · 66 67 · 66	67·74 67·83 67·83 67·91 67·91	69·33 69·66 69·66 69·49 69·49	$69 \cdot 66$ $69 \cdot 66$ $69 \cdot 58$ $69 \cdot 58$ $69 \cdot 49$	69 · 99 69 · 99 69 · 74 69 · 66 69 · 58
11 12 13 14 15	68-66 68-66 68-74 68-83 68-82	70.99 71.16 71.16 71.24 71.33	70·16 70·08 69·99 69·91 69·83	68 · 83 68 · 83 68 · 66 68 · 66	68 · 33 68 · 33 68 · 33 68 · 33	67 · 74 67 · 74 67 · 74 67 · 74 67 · 74		67 - 66 67 - 66 67 - 66 67 - 74 67 - 83	67 · 83 67 · 74 67 · 74 67 · 74 67 · 74	69·41 69·33 69·24 69·16 68·91	69·16 68·66 68·58 68·66 68·66	69.58 69.58 69.49 69.49 69.58
16. 17. 18. 19. 20.	68 · 83 68 · 58 68 · 58 68 · 58	71 · 49 71 · 66 71 · 74 71 · 83 71 · 99	69 · 74 69 · 66 69 · 58 69 · 58 69 · 49	68 · 66 68 · 58 68 · 58 68 · 58	68 · 24 68 · 16 68 · 08 68 · 08 68 · 08	67 · 74 67 · 66 67 · 66 67 · 66 67 · 66		67 · 83 67 · 83 67 · 83 67 · 91 67 · 83	67 · 74 67 · 91 67 · 83 67 · 83 67 · 83	69·74 69·66 69·66 69·99 69·99	68 · 91 68 · 99 68 · 99 68 · 99 68 · 99	69·49 69·33 69·24 69·24 69·24
21 22 23 24 25	68 · 58 68 · 56 68 · 66 68 · 66 68 · 99	72.08 72.08 72.08 71.91 71.91	69 · 49 69 · 33 69 · 33 69 · 24 69 · 16	68 · 66 68 · 66 68 · 66 68 · 58	68.08 68.08 68.08 67.99 67.91	67 · 58 67 · 41 67 · 49 67 · 49 67 · 49		67 · 66 67 · 66 67 · 66 67 · 66 67 · 66	67 · 83 67 · 74 67 · 74 67 · 74 67 · 83	70 · 16 70 · 16 70 · 16 69 · 66 69 · 16	68 · 99 69 · 08 69 · 08 69 · 08 69 · 08	69 · 24 69 · 16 69 · 49 69 · 49 69 · 49
26. 27. 28. 29. 30. 31.	68 · 99 69 · 08 69 · 08 69 · 33 69 · 66	71 · 91 71 · 66 71 · 49 71 · 41 71 · 41 71 · 41	69.08 68.99 68.99 68.99 69.16	68 · 58 68 · 58 68 · 58 68 · 49 68 · 49 68 · 49	67 · 91 67 · 91 67 · 91 67 · 91 67 · 83 67 · 74	67 · 49 67 · 49 67 · 49 67 · 49 67 · 49			67.83 67.83 67.91 67.99 68.08 68.16	69.91	69-08 68-99 68-66	69 · 49 69 · 66 69 · 66 69 · 66 69 · 66

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1882-83.

TABLE No. 558 72 · 74 72 · 74 72 · 74 72 · 74 71 · 66 71 · 58 71 · 49 71 · 49 68 - 66 68-16 60.10 70-66 70.16 69.58 69-24 68-66 68-16 68-58 70-66 70-66 70-66 70.08 69.99 68 - 58 68-66 68 · 24 68 · 58 68 · 58 68-49 $69 \cdot 49 \\ 69 \cdot 41$ 69 - 58 69-16 68 - 16 69.58 69-16 68-41 68-16 68-66 68 - 24 69.08 69-91 69.49 68 - 33 68-16 68-99 68 - 08 69.41 70.74 $71 \cdot 41$ $69 \cdot 83$ 69.49 68-91 68-24 68-16 68-91 68 - 66 68.58 69.41 70.7472.83 71.3369.83 69.49 $68 \cdot 91$ $68 \cdot 24$ 68-16 68-66 68-74 68 - 4970 · 74 70 · 74 70 · 74 70 · 74 70 · 74 72.83 72.83 72.83 72.83 72.83 69-49 68-91 68-24 68.24 68 · 83 68 · 74 68 · 74 68 · 74 68 · 58 68-58 68-58 69-41 69.41 69·41 69·33 69-66 68 · 91 68 · 91 68 · 24 68 · 24 68·33 68·41 68-74 68-41 60.66 69.66 69.24 68 - 91 10 69-66 69.66 68-49 68-49 68 - 33 70.74 72.66 $71 \cdot 16$ $71 \cdot 08$ 69.66 60.24 68.83 68.24 68-66 69.74 70·74 70·83 69.16 68 - 74 68-24 68.74 68-49 68 - 24 68-16 69·74 69·74 72·49 72·49 72·41 69 - 66 70.91 69-66 68 - 99 68 - 74 68 · 24 67 · 99 68-49 68 - 24 68 - 66 70.99 70.91 69.66 68.99 68 - 66 68.33 68.99 68.58 68-33 68-24 15... 69.74 $71 \cdot 24$ 70.91 69.66 68 - 99 68-66 68-49 69.08 68-41 $68 \cdot 24$ $67 \cdot 91$ $67 \cdot 99$ 68 · 24 68 · 24 16. 17. 69.74 71.33 72.08 69-66 69-08 68-66 68.66 69.08 68.83 71 · 99 71 · 99 71 · 99 69.66 68-99 68-66 69·16 69·41 68-66 68-08 18. 69.99 71 · 49 71 · 49 70.66 69-66 69-66 68-99 68-99 68-66 68-66 19 68-66 68-66 67.99 69 - 99 70.66 71.58 68 - 74 69-66 68.58 68-41 67.66 70.49 71.99 70.5869-66 20 21 22 23 68-74 68-49 68-24 71-66 70.58 69-66 68.01 68.58 $70 \cdot 49$ 69.99 67 · 74 67 · 99 67 · 99 68-58 68.74 $68 \cdot 41$ $68 \cdot 24$ 71·41 70·83 71 · 66 71 · 83 $72 \cdot 08$ $72 \cdot 08$ 70.41 69·74 69·74 68-91 70.33 69·24 69·24 68 - 58 68-66 69.99 68-41 68-08 69-83 68-58 68-66 69.66 68.33 68-08 68-66 69.16 $68 \cdot 58$ $67 \cdot 99$ 67.91 72.08 71.99 70.24 69.91 $69 \cdot 24$ 68 - 49 68.82 68.66 67.01 67 - 91 70.66 72.33 71.91 69.83 69.24 68-49 68-66 72·41 72·41 72·41 72·66 68-66 67 - 83 69·16 69·16 69·16 68-49 68-49 68 - 66 70.66 $70 \cdot 24$ 69.74 68-66 68-33 68.58 68.99 $67 \cdot 99$ $67 \cdot 83$ 69 · 66 69 · 58 68-49 68-91 69.08 67.83 70·58 70·58 70-16 70.16 69.58 68-16 68-58 69.08 67.99 31... 72.66 70.16 68-66 68 - 58 69.08

6 GEORGE V, A. 1916 ELEVATIONS above M.S.L. of Ottawa River at Lower Ste. Anne, for 1883–84.

	1A)								LE No.	559.		
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	67 · 74 67 · 83 67 · 99 67 · 99 67 · 91	70·33 70·33 70·24 70·24 70·49	72·41 72·41 72·41 72·41 72·33	71·83 71·83 72·08 72·16 72·16	70·83 70·74 70·74 70·66 70·66	69·41 69·41 69·41 69·41 69·41	69 · 24 69 · 24 69 · 24 69 · 16 69 · 16	69·16 69·16 69·16 69·24 69·24	69-99 70-08 70-16 70-24 70-33	71.08 71.08 71.08 71.08 71.08	69·99 69·66 69·83 69·83 69·91	69-66 69-91 69-99 70-08
6	67 · 99 68 · 41 68 · 49 68 · 58 69 · 08	70·74 70·91 70·99 70·99 70·99	$72 \cdot 16$ $72 \cdot 16$ $72 \cdot 08$ $71 \cdot 91$ $71 \cdot 91$	$72 \cdot 08$ $72 \cdot 16$ $72 \cdot 08$ $71 \cdot 99$ $71 \cdot 91$	70·58 70·58 70·58 70·49 70·41	69·33 69·33 69·24 69·24	69·16 69·16 69·16 68·99 69·08	69·33 69·33 69·33 69·33	70-33 69-74 69-66 69-74 69-83	71-08 71-08 71-24 71-41 71-41	69·99 70·16 70·08 69·99 70·08	69·99 69·91 69·74 69·49 69·24
11 12 13 14 15	69·83 70·33 70·83 70·99 71·16	70-91 71-08 71-16 71-33 71-33	71.91 71.83 71.91 71.99 71.91	71 · 83 71 · 74 71 · 66 71 · 58 71 · 49	70·33 70·24 70·24 70·08 70·08	69 · 24 69 · 24 69 · 24 69 · 16 69 · 16	69.08 69.08 69.08 69.08 68.99	69-41 69-41 69-49 69-49 69-58	69 · 91 69 · 83 69 · 91 69 · 83 69 · 99	71 · 33 71 · 33 71 · 33 71 · 16 71 · 16	70 · 24 70 · 16 70 · 16 70 · 08 69 · 91	69·24 69·33 69·24 69·24 69·24
16	71 · 16 72 · 24 72 · 49 72 · 66 72 · 83	71 · 33 71 · 33 71 · 33 71 · 33 71 · 33	71.83 71.74 71.74 71.99 72.16	71-41 71-41 71-41 71-49 71-49	69 · 91 69 · 91 69 · 91 69 · 91 69 · 91	69 · 24 69 · 24 69 · 24 69 · 24 69 · 24	68·99 69·08 69·08 69·16 69·24	69·58 69·58 69·58 69·58 69·41	70·08 70·16 70·24 70·24 70·24	71 · 16 70 · 99 70 · 83 70 · 66 70 · 49		69·33 69·49 69·58 69·49 69·33
21 22 23 24 25	72·91 72·74 72·74 72·66 72·41	71·33 71·33 71·33 71·74 71·91	72·16 72·08 72·08 71·99 71·91	71-49 71-58 71-49 71-41 71-33	69 · 91 69 · 91 69 · 83 69 · 74	69 · 16 69 · 16 69 · 16 69 · 16 69 · 16	69·16 69·08 68·99 68·99	69 · 41 69 · 41 69 · 41 69 · 41 69 · 49	70·58 70·66 71·24 71·24 71·33	70·49 70·58 70·41		69·41 69·49 69·74 69·99 70·41
26. 27. 28. 29. 20. 31.	72·16 71·99 71·83 71·83 71·66	$\begin{array}{c} 72\cdot 08 \\ 72\cdot 24 \\ 72\cdot 16 \end{array}$	71-91 71-91 71-83 71-83 71-83	71·24 71·16 71·16 71·08 70·91 70·91	69-66 69-66 69-58 69-58 69-49 69-41	69·16 69·16 69·16 69·16 69·24	68 · 99 69 · 08 69 · 08 69 · 08 69 · 08 69 · 08	69·58 69·66 69·74 69·91 69·91	71·33 71·16 71·16 71·16 71·16 71·16 71·08	70 · 24 70 · 16 70 · 16 70 · 16		71.08 71.41 71.99 72.24 72.58 72.66

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1884-85.

23221111	0110 (1)	5016 1	MA INCIDE	01 01	cana :	tiver.	at Lo	werbu		TABLE N	
1	72·58 72·33 72·08 71·91 71·91	72·49 72·58 72·58 72·66 72·74	72·33 72·33 72·16 72·16 72·08	70·33 70·24 70·24 70·24 70·16	69 · 66 69 · 66 69 · 74 69 · 83 69 · 91	69 · 24 69 · 24 69 · 24 69 · 16 69 · 16	68-91 68-91 68-83 68-83 68-83	69·16 69·16 69·16 69·33 69·16	68 · 74 68 · 74 68 · 74 68 · 74 68 · 74	70·91 70·91 71·24 71·66 72·24	70·16 69·91 69·66 69·58 69·58
6	71-66 71-49 71-41 71-49 71-49	$\begin{array}{c} 72 \cdot 91 \\ 72 \cdot 99 \\ 72 \cdot 99 \\ 73 \cdot 98 \\ 73 \cdot 24 \end{array}$	71-99 71-91 71-83 71-66 71-58	$70 \cdot 16$ $69 \cdot 99$	69 · 91 69 · 99 69 · 99 69 · 99 69 · 91	69·08 69·08 69·08 69·08 69·08	68 · 83 68 · 83 68 · 74 68 · 74	69·33 69·33 69·33 69·33 69·24	68·74 69·16 69·74 69·99 70·08	72·08 71·41 70·83 70·41 70·41	69·41 69·24 69·24 69·33 68·91
11	71·74 71·83 71·91 71·91 71·91	73 · 33 73 · 41 73 · 49 73 · 49 73 · 41	71·49 71·33 71·24 71·24 71·24	69·99 69·99 69·91 69·91	69·83 69·83 69·83 69·74 69·66	69-06 68-99 68-99 68-83 68-83	$68 \cdot 74$ $68 \cdot 83$ $68 \cdot 83$ $68 \cdot 83$ $68 \cdot 91$	69·16 69·08 68·99 68·99 68·99	70·08 70·08 70·08 69·99 69·99	70·49 70·66 70·33 70·58 71·08	68 · 91 68 · 66 68 · 99 68 · 83 68 · 91
16	71 · 91 71 · 91 71 · 99 72 · 16 72 · 16	73 · 41 73 · 41 73 · 33 73 · 33 73 · 33	71·16 71·16 71·08 71·08 70·99	69·91 69·83 69·83 69·83 69·83	69-66 69-66 69-58 69-58 69-49	68 · 83 68 · 83 68 · 83 68 · 83 68 · 74	68 · 91 68 · 91 68 · 91 68 · 83 68 · 83	68-99 68-91 68-74 68-66 68-66	69·74 69·91 70·16 70·33 70·49	70·83 70·66 70·33 70·49 70·49	68 · 99 68 · 83 68 · 66 68 · 49 68 · 33
21 22 23 24 25	$\begin{array}{c} 72 \cdot 16 \\ 72 \cdot 08 \\ 72 \cdot 08 \\ 72 \cdot 16 \\ 72 \cdot 16 \end{array}$	73 · 33 73 · 33 73 · 33 73 · 24 73 · 16	70 · 99 70 · 91 70 · 83 70 · 74 70 · 66	69·83 69·83 69·83 69·83 69·66	69·49 69·33 69·33 69·33	68 · 74 68 · 74 68 · 83 68 · 83 68 · 83	68 · 83 68 · 83 68 · 91 68 · 91 68 · 91	68 · 66 68 · 58 68 · 66 68 · 83 68 · 99	70·49 70·58 70·41 70·66 71·16	70·49 70·33 70·08 69·74 70·16	68 · 16 68 · 49 68 · 49 68 · 41 68 · 33
26	72·16 72·24 72·24 72·41 72·41	73·08 72·99 72·91 72·66 72·58 72·41	70·49 70·33 70·24 70·41 70·33	69.66 69.66 69.66 69.66 69.66	69·33 69·33 69·36 69·16 69·16	68 · 83 68 · 83 68 · 91 68 · 91 68 · 91	68.91 68.91 69.99 69.16 69.16 69.24	69·16 69·16 69·16 69·33 69·33	71 · 66 70 · 99 71 · 49 70 · 74 70 · 91 71 · 16	70·16 70·16 70·16 70·08 69·91 69·83	68·16 68·16 68·16 68·16 68·24 68·24

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Ottawa River at Lower Ste. Anne, for 1885-86.

										1 A	BLE N	0. 561.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	68 · 24 68 · 24 68 · 33 68 · 41 68 · 49	74 · 33 74 · 16 73 · 66 73 · 24 72 · 99	72·66 72·74 72·83 72·83 72·74	71·41 71·24 71·16 71·16 71·08	70 · 08 69 · 91 69 · 83 69 · 83 69 · 91	69·16 69·16 69·16 69·16 69·16	68-99 68-99 68-91 68-91	69·33 69·33 69·33 69·41 69·41	69·33 69·16 69·16 69·16 69·33	69·99 69·99 69·66 69·66 70·16	70·74 70·66 70·66 70·41 70·24	70·24 70·24 70·41 70·83 71·08
6	68 · 58 68 · 66 69 · 16 68 · 66 68 · 74	$72 \cdot 66$ $72 \cdot 49$ $72 \cdot 49$ $72 \cdot 66$ $72 \cdot 83$	72·49 72·49 72·41 72·33 72·24	71.08 71.08 71.16 71.16 71.16	69·91 69·83 69·83 69·74 69·66	$69 \cdot 16$ $68 \cdot 99$ $68 \cdot 91$ $68 \cdot 91$ $68 \cdot 91$	68 · 83 68 · 83 68 · 83 68 · 83	69·49 69·49 69·58 69·66 69·74	69-49 69-66 69-83 70-08 69-99	71 · 49 71 · 49 71 · 58 71 · 66 71 · 49	70·16 70·49 70·74 70·66 70·24	70·74 70·66 70·41 70·08 69·83
11 12 13 14 15	68-83 69-16 69-33 69-58 70-16	72.91 72.99 73.08 73.24 73.16	72 · 16 72 · 08 71 · 83 71 · 83 71 · 74	71·16 71·08 71·08 71·08 70·99	69-66 69-66 69-66 69-66	68 · 91 68 · 91 68 · 91 68 · 91 68 · 91	68 · 83 68 · 83 68 · 74 68 · 74 68 · 74	69 · 83 69 · 83 69 · 83 69 · 83	70·08 70·08 69·99 69·91 69·83	71·16 71·33 71·49 71·33 71·58	69·99 69·91 69·66 69·91 70·16	69-66 69-66 69-66 69-58
16	70·24 70·33 70·58 71·58 71·99	73 · 24 73 · 16 73 · 16 73 · 08 73 · 16	71-66 71-49 71-41 71-33 71-24	70·99 70·99 70·91 70·83 70·83	69 · 66 69 · 66 69 · 58 69 · 49	68 · 91 68 · 91 68 · 91 68 · 99 69 · 08	68 · 83 68 · 83 68 · 83 68 · 99 69 · 16	69 · 83 69 · 83 69 · 83 69 · 83	69 · 83 69 · 99 70 · 16 70 · 33 70 · 49	71 · 66 71 · 74 71 · 83 71 · 58 71 · 49	70·16 70·16 70·33 70·33 69·99	69·41 68·99 69·41 69·24 69·24
21 22 23 24 25	72.08 72.33 72.66 72.66 73.58	73 · 16 73 · 16 73 · 16 73 · 16 73 · 16	71·24 71·24 71·24 71·33 71·41	70 · 83 70 · 83 70 · 66 70 · 66 70 · 66	69·49 69·49 69·49 69·41	69.08 69.08 69.08 69.08	69·33 69·49 69·66 69·66 69·58	69.83 69.83 69.74 69.66 69.58	70·66 70·91 71·08 71·24 71·33	71.66 71.66 71.66 71.49 71.24	69·99 69·99 69·91 69·99	69 · 16 69 · 16 69 · 41 69 · 66 69 · 66
26	73·74 73·99 74·08 74·16 74·33	73 · 08 73 · 08 72 · 99 72 · 83 72 · 74 72 · 66	71·49 71·49 71·49 71·49 71·49	70 · 58 70 · 49 70 · 41 70 · 33 70 · 24 70 · 16	69·33 69·24 69·24 69·16 69·16	69·08 69·08 69·08 69·08 69·08	69·41 69·24 69·33 69·33 69·33 69·33	69·41 69·33 69·16 69·16 69·16	71-49 71-49 71-58 71-49 71-41 70-91		69·91 69·91 70·08	69·66 69·74 69·74 69·74 69·74 69·83

ELEVATIONS above M.S.L. of Ottawa River at Lower Ste. Anne, for 1886-87.

										T.	ABLE No	562.
1	$\begin{array}{c} 70 \cdot 24 \\ 70 \cdot 91 \\ 72 \cdot 16 \\ 72 \cdot 16 \\ 71 \cdot 99 \end{array}$	73 · 74 73 · 66 73 · 58 73 · 58 73 · 49	71·49 71·41 71·41 71·33 71·33	70·74 70·66 70·66 70·58 70·58	69·99 69·91 69·83 69·83 69·83	68·91 68·99 68·99 68·99 68·99	69·16 69·16 69·16 69·08 69·16	68 · 83 68 · 83 68 · 83 68 · 83 68 · 74	69·16 68·99 68·91 68·83 69·24	69·41 69·16 68·99 69·16 69·33	69 · 74 69 · 99 69 · 74 69 · 74 69 · 66	69 · 83 70 · 24 70 · 41 69 · 66 69 · 66
6	71·99 71·33 71·08 70·99 71·33	73 · 49 73 · 49 73 · 41 73 · 16 72 · 99	$\begin{array}{c} 71 \cdot 24 \\ 71 \cdot 16 \\ 71 \cdot 08 \\ 71 \cdot 08 \\ 71 \cdot 08 \\ 71 \cdot 08 \end{array}$	70·58 70·49 70·41 70·33 70·24	69 · 83 69 · 74 69 · 74 69 · 74 69 · 66	68-99 68-99 69-08 69-08	$69 \cdot 16$ $69 \cdot 24$ $69 \cdot 16$ $69 \cdot 16$ $69 \cdot 16$. 68·74 68·74 68·74 68·83 68·91	69 · 66 69 · 66 69 · 99 69 · 83 69 · 74	69·33 69·33 69·16 69·08 68·99	69 · 99 70 · 33 70 · 33 70 · 33 70 · 41	70·08 70·08 70·33 69·99 69·74
11	71 · 66 71 · 74 71 · 99 72 · 24 72 · 58	72 · 83 72 · 66 72 · 66 72 · 66 72 · 58	71.08 71.08 70.99 70.99 70.99	70·16 70·08 69·99 69·99 69·99	69·58 69·49 69·49 69·49 69·41	69 · 08 68 · 99 68 · 99 68 · 99 68 · 99	69·16 69·16 69·16 69·16 69·16	68 · 83 68 · 74 68 · 74 68 · 66 68 · 66	69·33 69·16 68·91 68·83 68·91	68·91 68·74 68·74 68·74 68·74	70·16 69·83 70·24 70·41 70·41	$69 \cdot 74$ $69 \cdot 58$ $69 \cdot 58$ $69 \cdot 58$ $69 \cdot 49$
16. 17. 18 19. 20.	72 · 66 72 · 99 72 · 99 73 · 58 73 · 83	72·49 72·41 72·33 72·24 72·16	70.99 70.99 70.99 70.99 70.99	69 · 99 69 · 99 69 · 99 69 · 99 70 · 08	69-41 69-33 69-33 69-33 69-24	68-99 68-91 68-91 68-91 68-83	69·16 69·16 69·16 69·08 69·08	68 · 58 68 · 66 68 · 83 69 · 08 69 · 33	69·16 69·33 69·74 69·91 70·16	$68 \cdot 74$ $69 \cdot 58$ $69 \cdot 41$ $69 \cdot 24$ $69 \cdot 58$	70·58 69·99 69·83 69·99 69·91	$69 \cdot 49$ $69 \cdot 58$ $70 \cdot 16$ $69 \cdot 66$ $69 \cdot 49$
21	73 · 66 73 · 83 73 · 83 73 · 99 73 · 99	72·16 72·08 72·08 71·99 71·83	70.99 70.91 70.91 70.91 70.91	70·08 70·08 70·08 70·08 69·99	69·24 69·24 69·24 69·08 69·08	68-83 68-83 68-83 68-91 68-91	69.08 69.08 69.08 69.08 59.08	69 · 58 69 · 58 69 · 58 69 · 66 69 · 66	69 · 99 69 · 91 69 · 49 69 · 33 69 · 24	69·83 70·08 70·24 70·33 70·41	69 · 83 69 · 83 69 · 83 69 · 83 69 · 91	$69 \cdot 41$ $69 \cdot 24$ $69 \cdot 41$ $69 \cdot 33$ $69 \cdot 33$
26	73-99 73-91 73-91 73-91 73-83	71 · 83 71 · 83 71 · 74 71 · 74 71 · 66 71 · 58	70·83 70·83 70·83 70·74 70·74	69 · 99 69 · 99 69 · 99 69 · 99 69 · 99	68·99 68·91 68·83 68·83 68·83	68-91 68-83 68-83 68-99 69-16	69 · 08 69 · 08 68 · 99 68 · 91 68 · 83 68 · 83	69-66 69-66 69-58 69-49 69-41	69 · 24 69 · 24 69 · 49 69 · 66 69 · 99 69 · 58	70 · 33 70 · 24 70 · 24 70 · 16 70 · 08 69 · 66	69-99 69-83 69-74	69·33 69·33 69·33 69·33 69·24 69·58

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Ottawa River at Lower Ste. Anne, for 1887–88.

TABLE No. 565.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
		73 · 24 73 · 24	71-83 71-66	69 · 99 69 · 99	69-33 69-33	68-41 68-41	67·99 67·99	67 · 66 67 · 66	67 · 74 67 · 58	69-08 68-66	68 · 74 68 · 74	67 · 74
		73 - 24	71.66	69.99	69 - 16	68-41	67 - 99	67 - 74	67 - 66	68-58	68-49	68 - 7
		73 · 24 73 · 33	71.66 71.66	69·99 69·99	69·08 69·08	68-41 68-41	67·99 68·08	67·74 67·74	67 · 74 67 · 83	68 · 83 69 · 33	68·49 68·41	68·8 68·9
		73 · 49 73 · 66	71 · 66	69·99 69·99	69 · 08	68-41 68-41	68-08 68-08	67·74 67·74	67 · 91 67 · 99	69 · 49 69 · 41	68-33 68-49	68·9 68·7
		73 - 83	71.66	69.91	69.08	68-41	68.08	67.74	67 - 83	69.41	68-66	68-4
		73 · 83 73 · 83	71·49 71·41	69·91 69·91	68-99 68-99	68-41 68-41	68.08 68.08	67 · 74 67 · 74	67 · 83 67 · 74	69·33 69·24	68-66 69-16	
		73.99	71.33	69 · 83	68-99	68-41	68-08	67 - 74	67 · 83	69 - 16	68-66	
		73 · 99 74 · 16	71 · 24 71 · 16	69 · 83	68-99 68-91	68-41 68-41	68 · 08 68 · 08	67 · 66 67 · 66	67·91 68·08	69·08 68·99	68·99 69·24	
		74 · 16 74 · 16	71.08 70.91	69·74 69·74	68·91 68·91	68·33 68·33	68.08 68.08	67 · 66 67 · 66	68-08 67-91	69·08 69·08	68 · 41 68 · 08	67 · 0 67 · 2
		74 · 08	70.91	69.74	68 - 83	68.24	68-08	67-66	67.83	69.08	68-08	
		73 · 99 73 · 74	70-91 70-91	69·74 69·74	68 · 83 68 · 83	68·24 68·24	68 · 08 68 · 08	67·66 67·74	67·74 67·74	69·08 68·91	67 · 99 68 · 16	
		73 · 74 73 · 74	70·83 70·66	69·74 69·74	68 · 83 68 · 83	68·24 68·24	68-08 68-08	67·74 67·74	67·74 67·66	68·74 68·66	68-08 68-08	
		73-41	70-66	69.74	68·83	68 · 24	68-08	67.74	67-66	68-83	68-08	
		73 · 16 72 · 83	70 · 58 70 · 58	69 · 74	68 · 83 68 · 74	68 · 24 68 · 24	68.08 67.99	67·74 67·74	68 · 24 68 · 08	68-91 68-91	67 · 83 67 · 74	
		72.74	70.58	69 - 66	68.74	68 - 24	67-99	67.74	67 - 99	68-91	68-33	68-1
		72.74	70-49	69.58	68.74	68-16	67-99	67 - 74	67 - 99	68-99	68-16	68-3
		72·49 72·41	70·41 70·33	69 · 49 69 · 49	68 · 66 68 · 58	68 · 08 67 · 99	67·99 67·99	67 · 74 67 · 74	67 · 99 67 · 99	68-66 68-49	68·16 67·08	
3		72.24	70.24	69 - 41	68 - 58	67-99	67 - 91	67.74	68-16	68.08	67.08	67 -
)		72·16 72·16	70 · 24 69 · 99	69 · 41	68-49 68-49	67 · 99	67 · 83 67 · 83	67 · 83 67 · 66	68-08 68-16	68 · 24 68 · 41	67 - 16	
		71.91	09.99	69 - 33	68-49	07.99	67.74	01.00	68.08	67.91		68-

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1888–89.

TABLE No. 564. 68·74 68·74 68·74 68·74 68·74 67.91 67.91 67.91 67.91 67.91 67-66 67-66 67-74 67-83 67-99 71 · 99 71 · 91 71 · 83 71 · 74 71 · 58 69.91 68-41 68-33 69.49 69.33 68-66 70.58 68-74 68-74 69-99 70-33 70-24 70-49 68-41 68-33 69.58 69.83 69.16 70-41 68-24 69.49 69.74 69.08 70.33 $68 \cdot 24$ $68 \cdot 24$ 69·49 69·49 69·74 69·74 68.99 68-94 5 68.99 70.24 70.16 68.16 70.33 70.16 68-74 68-16 67.91 $67 \cdot 99$ $68 \cdot 24$ 69.49 67.91 67.83 67.83 67.83 69·41 69·49 69·58 70.49 70.49 70.49 71.58 71.49 71.41 70.08 69.99 69.91 $68.66 \\ 68.58 \\ 68.49$ 68.08 68.08 68-24 68-24 69·49 69·49 69·41 67 · 66 67 · 74 68-08 69 - 66 68-08 69-66 68-16 10..... 70.58 69.83 68.58 68-41 68-16 71·33 71·24 71·24 68-58 68.08 67.83 68-91 67-91 69.33 69-66 11..... 69.66 70.66 69.74 67.99 67.99 67.91 67.83 67.58 67.58 67.66 67.66 69·24 69·16 69-99 70.83 69-66 69-41 68-08 69-66 $68 \cdot 49$ 70.08 71.16 69.58 68 - 49 69.83 68 · 24 68 · 33 69.66 $67 \cdot 99$ 67.91 67.83 69-99 $71 \cdot 49 \\ 71 \cdot 74$ 70.99 70.99 69.49 68-41 69.83 69.08 69 - 66 15..... 69.83 69-41 68.33 69-66 68-66 68-99 69-66 67-66 67-66 67-66 67-66 67-66 72.08 72.33 72.66 71.08 71.08 71.08 71.08 71.08 71.1667.83 67.83 67.91 $69 \cdot 58$ 69.24 68.33 69 - 16 68.66 68.83 60.66 $67 \cdot 83 \\ 67 \cdot 74 \\ 67 \cdot 66$ 69·58 69·58 69 · 16 69 · 16 68-33 68-33 68-66 68-91 68-66 68-74 69-66 68-83 68-91 69.66 69-49 72.66 72.66 69 - 16 68.33 20. 69.74 69 - 16 68 - 41 67-99 $68 \cdot 58$ 69.08 68-91 69.66 67.83 $\begin{array}{c} 72\cdot 66 \\ 72\cdot 66 \end{array}$ $67 \cdot 58$ $67 \cdot 58$ $67 \cdot 49$ $67 \cdot 49$ $67 \cdot 58$ 70.08 $71 \cdot 24$ 69 - 16 68-33 69.66 71 · 24 71 · 24 71 · 16 71 · 08 70 · 99 69·24 69·24 69·33 69·08 69·16 69·24 69-58 68-08 $68 \cdot 33$ $68 \cdot 08$ 23 24 25 69.08 68-16 68-41 $69 \cdot 41$ 68.33 68 - 24 68-66 68-99 68-24 68-24 68 - 24 69.33 69-33 69-58 69 - 16 68-99 68-08 26 27 69-08 72.58 70.99 70.99 68-99 68-24 68.08 67.5868·24 68·24 69-33 69-41 69.49 $69 \cdot 49$ 69.33 69.49 69-41 68.99 68.24 68.08 67 · 66 67 · 66 67 · 66 69-66 70.99 68.91 68.33 $68 \cdot 24$ 69-41 69.58 69-41 69.33 29 69-66 $72 \cdot 24$ $72 \cdot 16$ $72 \cdot 08$ 68-08 67-91 $68 \cdot 24$ 60.41 69 - 66 69.24 69-91 $70 \cdot 58$ 68·74 68·74 68.33 68-24 69-49 69-83 69-16 31..... 68.33 67 - 66 69-49 69.83 69-16

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L., of Ottawa River at Lower Ste. Anne, for 1889-90.

TABLE No

										13	ABLE N	0. 565.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	69.08 68.99 68.91 68.91 69.08	71·41 71·41 71·41 71·41 71·33	69·74 70·33		69·83 69·83 69·74 69·74 69·74	68·41 68·41 68·33 68·33 68·33	67-91 67-99 67-99 67-99 68-08	67.41		69 · 41 69 · 41 69 · 41 69 · 41 69 · 49	71·33 71·16 70·83 69·91 70·08	69-74 69-83 69-91
6	69 · 24 69 · 41 69 · 58 69 · 66 69 · 74	71·33 71·24 71·24 71·08 70·99	71 · 33 71 · 49		$69 \cdot 66$ $69 \cdot 58$ $69 \cdot 41$ $69 \cdot 24$ $69 \cdot 24$	$68 \cdot 24$ $68 \cdot 24$ $68 \cdot 24$ $68 \cdot 24$ $68 \cdot 16$	68.08 68.08 68.08 68.08 67.99	67 · 49 67 · 49		69·49 69·49 69·58 69·66 69·74	70·33 70·33 70·33 70·33 70·24	69-99 69-99 70-08 70-08 70-16
11	69 · 83 69 · 91 69 · 99 69 · 83 69 · 74	70 · 91 70 · 83 70 · 66 70 · 66 70 · 58	71·74 71·74 71·66 71·66 71·41		69·16 69·16 69·16 69·16 69·16	68 · 16 68 · 16 68 · 16 68 · 16 68 · 16	$67 \cdot 91$ $67 \cdot 99$ $67 \cdot 91$ $67 \cdot 91$ $67 \cdot 66$	67 · 41 67 · 41 67 · 41		69.83 69.91 69.99 70.16 70.24	70·24 70·24 70·24 70·16 70·16	70.08 69.99 69.91 69.91 69.91
16	69·58 69·49 69·41 69·49 69·58	70·49 70·41 70·41 70·41 70·41	71.33		68-99 68-99 68-99 68-99	68-16 68-08 68-08 68-08	67-66 67-66 67-66 67-66	67 · 41 67 · 49 67 · 58		70.66 70.99 71.33 71.33 71.33	70·16 70·16 70·24 70·24 70·24	69·91 69·74 69·66 69·58 69·58
21 22 23 24 25	69·74 69·83 69·91 69·91 69·99	70·41 70·33 70·24 70·16 70·08	71.08 70.99 70.91 70.74 70.74		68-99 68-99 68-91 68-91	68.08 68.08 68.08 68.08 68.08	67.66 67.58 67.41 67.41 67.41	67 · 66 67 · 66 67 · 66		71 · 41 71 · 41 71 · 41 71 · 49 71 · 49	70·24 70·24 70·16 70·08 69·91	69.58 69.58 69.58 69.58 69.58
26	70·08 70·41 70·41 70·83 71·33	69-99 69-83 69-74 69-83 69-66	70.74		68 · 83 68 · 74 68 · 74 68 · 49 68 · 49 68 · 49	67 · 99 67 · 99 67 · 91 67 · 91 67 · 91	67·33 67·33 67·33 67·41 67·41 67·41	67 · 66 67 · 66 67 · 66		71.41	69-74 69-66 69-74	69 · 58 69 · 66 69 · 66 69 · 66 69 · 66

ELEVATIONS above M.S.L., of Ottawa River at Lower Ste. Anne, for 1890-91.

TABLE No. 56

										T2	ABLE N	0.566.
1	69.66 69.83 69.91 70.16 70.33	71·49 71·58 71·66 71·74 71·83	72.66 72.74 73.16 72.83 72.83	71.66 71.49 71.49 71.49 71.49 71.41	69 · 99 69 · 91 69 · 91 69 · 83 69 · 83	69·33 69·33 69·33 69·24 69·24	68 · 83 68 · 83 68 · 83 68 · 83 68 · 74	68·49 68·49 68·66 68·66	68-66 68-74 68-83 68-91 68-91	69.58 69.49 69.41 69.66 69.91	68 · 66 68 · 58 68 · 49 68 · 58 68 · 66	70·16 70·08 69·99 69·91 69·83
6	$70 \cdot 49$ $70 \cdot 66$ $70 \cdot 74$ $70 \cdot 99$ $71 \cdot 08$	$\begin{array}{c} 72 \cdot 08 \\ 72 \cdot 33 \\ 72 \cdot 58 \\ 72 \cdot 58 \\ 72 \cdot 49 \end{array}$	72.99 72.99 72.91 72.83 72.83	$71 \cdot 41$ $71 \cdot 41$ $71 \cdot 24$ $71 \cdot 33$ $71 \cdot 16$	69·83 69·83 69·83 69·74 69·66	$69 \cdot 24$	68·74 68·74 68·74 68·74 68·74	68 · 58 68 · 58 68 · 58 68 · 58 68 · 66	69.08 69.33 69.41 69.49 69.49	70·49 70·33 70·24 70·24 70·24	68-74 69-16 69-24 69-24 69-33	69·74 69·66 68·66 69·49 69·58
11	70 · 74 70 · 74 70 · 74 71 · 33 71 · 41	$\begin{array}{c} 72 \cdot 49 \\ 72 \cdot 49 \\ 72 \cdot 41 \\ 72 \cdot 41 \\ 72 \cdot 33 \end{array}$	72.66 72.66 72.66 72.66 72.83	70 · 99 70 · 91 70 · 91 70 · 83 70 · 83	69-66 69-58 69-58 69-49 69-49	69 · 33 69 · 41 69 · 66 69 · 83 69 · 99	$68 \cdot 74$ $68 \cdot 66$ $68 \cdot 66$ $68 \cdot 58$ $68 \cdot 58$	68·74 68·83 68·83 68·83 68·83	69·16 68·91 68·99 69·49 69·58	70 · 24 70 · 16 70 · 24 70 · 33 69 · 66	69·41 69·41 69·41 69·33 69·24	69.66 69.66 69.74 69.83 69.91
16	71·49 71·58 71·49 71·41 71·33	$\begin{array}{c} 72 \cdot 33 \\ 72 \cdot 24 \\ 72 \cdot 24 \\ 72 \cdot 16 \\ 72 \cdot 16 \end{array}$	72·74 72·74 72·74 72·91 72·91	70 · 74 70 · 66 70 · 58 70 · 49 70 · 41	69-41 69-41 69-41 69-41 69-41	$69 \cdot 91$ $69 \cdot 83$ $69 \cdot 74$ $69 \cdot 66$ $69 \cdot 58$	68-66 68-66 68-74 68-83 68-91	68 · 91 68 · 99 69 · 08 69 · 08 69 · 16	69.83 69.83 69.83 69.91 70.41	69·47 69·33 69·66 69·91 69·83	69 · 16 68 · 99 68 · 91 68 · 83 68 · 91	69·83 70·24 70·16 70·08 69·99
21 22 23 24 25	71 · 16 71 · 16 71 · 16 71 · 16 71 · 16 71 · 16	72·49 72·91 72·83 72·74 72·66	72·91 72·91 72·41 71·83 71·83	70·33 70·08 70·08 70·08 70·08	69-33 69-24 69-24 69-33 69-33	69·49 69·41 69·33 69·33 69·24	68-83 68-83 68-74 68-74	$69 \cdot 24$ $69 \cdot 33$ $69 \cdot 24$ $69 \cdot 16$ $68 \cdot 99$	$70 \cdot 16$ $70 \cdot 49$ $70 \cdot 66$ $70 \cdot 49$ $70 \cdot 33$	$69 \cdot 74$ $69 \cdot 41$ $69 \cdot 33$ $69 \cdot 16$ $68 \cdot 66$	69 · 08 69 · 16 69 · 24 69 · 41 69 · 41	69 · 91 69 · 83 69 · 66 69 · 49 71 · 16
26	71.08 71.08 71.16 71.41 71.41	72.66 72.66 72.58 72.58 72.58 72.58 72.58	71 · 83 71 · 83 71 · 83 71 · 83 71 · 83	70.08 70.08 69.99 69.99 69.91 69.91	69·33 69·33 69·33 69·33 69·33	69 · 24 69 · 16 69 · 16 68 · 99 68 · 83	68-66 68-58 68-58 68-49 68-49 68-41	68-99 68-91 68-74 68-66 68-66	$\begin{array}{c} 70 \cdot 24 \\ 70 \cdot 08 \\ 69 \cdot 91 \\ 69 \cdot 66 \\ 69 \cdot 66 \\ 69 \cdot 66 \end{array}$	69-08	69·41 70·24 70·24	71 · 49 71 · 49 71 · 24 71 · 24 71 · 24 71 · 33

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L., of Ottawa River at Lower Ste. Anne, for 1891-92.

TABLE No. 567.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71·41 71·24 71·33 71·16 71·16	72·74 72·74 72·74 72·74 72·74 72·74	70.66 70.66 70.58 70.41 70.24	68 · 91 68 · 91 68 · 99 69 · 08 69 · 08	69·08 68·99 68·91 68·91 68·91	68-41 68-41 68-33 68-24 68-16		67+08 67+08 66+99 66+99 66+99	68+41 68+41 68+49 68+58	68 · 49 68 · 41 68 · 41		68-66 68-66 68-66 68-58 68-49
6	70 · 99 70 · 83 70 · 74 70 · 66 70 · 66	72.66 72.66 72.66 72.58 72.58	70·16 70·16 70·08 70·08 69·99	69-08 69-08 68-99 68-91	68 · 91 68 · 91 68 · 83 68 · 83 68 · 74	68 · 08 68 · 08 68 · 08 68 · 08 68 · 08		66-99 66-99 66-99 66-83	69·74 68·91 68·66 68·49 68·66	69 · 83 68 · 99 69 · 16		68 · 41 68 · 33 68 · 33 68 · 33 68 · 24
11	70 · 66 70 · 83 70 · 99 71 · 16 71 · 16	$\begin{array}{c} 72 \cdot 49 \\ 72 \cdot 41 \\ 72 \cdot 24 \\ 72 \cdot 16 \\ 72 \cdot 08 \end{array}$	69-91 69-83 69-74 69-66	68 · 91 68 · 83 68 · 83 68 · 74 68 · 74	68 · 66 68 · 66 68 · 66 68 · 66	68 · 16 68 · 16		66.83 66.83 66.83 66.83	68 · 66 68 · 58 68 · 49 68 · 49	68-66 68-83 68-99		$68 \cdot 16$ $68 \cdot 08$ $68 \cdot 08$ $68 \cdot 16$ $68 \cdot 24$
16	71 · 33 71 · 49 71 · 49 71 · 74 71 · 99	71.99 71.91 71.83 71.74 71.66	69·58 69·49 69·41 69·41 69·41	68 · 74 68 · 74 68 · 74 68 · 74 68 · 74	68 · 58 68 · 58 68 · 58 68 · 58 68 · 58	67-99 67-99 68-08		66-83 66-83 66-99 67-08 67-16	68 · 58 68 · 66 68 · 66 69 · 16 69 · 33	69-66 70-08 69-91		68 · 41 68 · 33 68 · 24 68 · 08 67 · 99
21 22 23 24 25	72·08 72·16 72·24 72·33 72·41	71.66 71.58 71.49 71.41 71.33	69·41 69·41 69·41 69·41 69·33	68 · 83 68 · 83 68 · 83 68 · 99 68 · 99	68 · 41 68 · 41 68 · 41 68 · 58 68 · 66	67.91		67·16 67·24 67·24 67·66 67·66	69·49 68·99 69·16 68·74 68·24	69 · 66 69 · 66 69 · 66		67 · 99 67 · 99 67 · 99 67 · 99 67 · 99
26	72·66 72·66 72·66 72·74 72·83	71 · 24 71 · 16 71 · 08 70 · 99 70 · 91 70 · 74	69·24 69·24 69·16 69·08 68·99	68-99 69-08 69-08 69-08 69-08	68·74 68·66 68·58 68·49 68·49	67 · 74 67 · 74 67 · 66 67 · 66		68·16 68·24 68·24 68·24 68·16	$68 \cdot 24$ $68 \cdot 24$ $68 \cdot 41$ $68 \cdot 58$ $68 \cdot 41$ $68 \cdot 49$	69·33 69·16 69·16 68·99		67.91 67.91 67.83 67.83 67.91 67.91

ELEVATIONS above M.S.L., of Ottawa River at Lower Ste. Anne, for 1892-93.

TABLE No. 568 $\begin{array}{c} 67 \cdot 66 \\ 67 \cdot 66 \\ 67 \cdot 66 \\ 67 \cdot 74 \\ 67 \cdot 74 \end{array}$ 66.99 68-66 69-33 70·41 70·41 68 - 58 68-66 68.08 67.41 67-66 68 - 58 68 - 58 68.08 68.24 67·49 67·49 68-66 68 · 74 68 · 74 68.58 68-58 68-16 68-58 69.24 $70 \cdot 58$ 68 - 58 68.08 68-16 67.58 69-24 70.6668 - 58 68-41 68-08 68-16 70.66 67.83 67.83 67.99 67-66 71-16 $68 \cdot 33$ 67-66 67-66 69-33 68.49 $68 \cdot 24$ 67.83 67.66 67.6668-24 66-91 68-08 66-99 68 · 91 68 · 91 69-33 69-33 68-41 68 · 24 68 · 24 $70 \cdot 99$ $71 \cdot 24$ $70 \cdot 49$ 70.3368-41 68 - 08 68 - 16 10..... 67 · 66 67 · 66 67 · 66 67 · 66 67 · 74 70.41 68.83 69-24 69.91 68 - 41 68.08 67.99 67.91 67.83 67.83 69.74 68-16 68-91 68 - 91 68.08 69-49 69-24 69-08 68 - 16 69.33 69.24 69.41 68-91 67 · 83 67 · 74 67 · 74 67 · 66 68-83 69-08 $68 \cdot 24$ 68-91 68-91 68-91 68-91 69.24 69·16 69·08 68 · 24 68 · 24 67 · 66 67 · 66 67 · 91 68 · 41 $67 \cdot 99$ $67 \cdot 99$ 67 - 41 68-66 69.33 68-49 68.91 67-66 68-91 68-91 68-58 68.33 68-99 68-74 68-16 69.08 68.66 68-24 68-41 68 - 66 68 · 33 69-16 68.83 68-41 $69 \cdot 24$ 69.91 68-41 68 - 49 69·24 69·33 69·33 69-99 68-83 69-66 67-99 67.58 68.58 68.08 68-33 68-41 69-99 70-08 67 · 49 67 · 49 68-49 68 - 58 68 - 83 68-49 68-74 68-74 68-58 67 · 49 67 · 49 67 · 58 68-16 68-24 68-08 68 - 66

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L., of Ottawa River at Lower Ste. Anne, for 1893-94.

ABLE No 5

											TOLL N	0. 000.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2	68·33 68·41 68·66 68·83 68·91	69·99 69·91 70·24 70·66 71·08	72·74 72·66 72·58 72·49 72·41	70·58 70·49 70·33 70·33 70·24	69·24 69·16 69·08 69·08 69·08	69 · 91 69 · 66 69 · 49 69 · 33 69 · 16	67-91 67-83 67-83 67-83 67-91	67-99 67-99 67-99 67-99 67-99	67·74 67·83 67·83 67·83 67·91	69·58 69·83 69·99 70·08 70·08	69·33 69·41 69·49 69·58 69·66	67·83 67·58 67·58 67·49 67·41
6	69·16 69·24 69·33 69·41 69·41	$72 \cdot 16$ $71 \cdot 74$ $72 \cdot 33$ $72 \cdot 16$ $72 \cdot 16$	72·41 72·33 72·33 72·33 72·33	70·16 70·24 70·08 69·99 69·99	69.08 69.08 69.08 68.99 68.99	68 · 99 68 · 91 69 · 24 68 · 08 68 · 58	67 · 91 67 · 99 67 · 99 67 · 99 67 · 99	$67 \cdot 99$ $67 \cdot 99$ $67 \cdot 91$ $67 \cdot 91$ $67 \cdot 91$	68 · 08 68 · 24 68 · 08 67 · 99 67 · 83	69·99 69·91 69·83 69·83 69·74	69·41 69·16 68·91 68·74 68·66	67·58 68·49 69·16 69·58 69·83
11	69·41 69·49 69·49 69·49 69·58	$72 \cdot 16$ $72 \cdot 16$ $72 \cdot 08$ $72 \cdot 16$ $72 \cdot 16$	72·16 72·16 72·16 72·16 72·08 71·91	69·99 69·99 69·91 69·91	68 · 91 68 · 83 68 · 74 68 · 66 68 · 66	68 · 49 68 · 41 68 · 33 68 · 33 68 · 33	67 · 99 67 · 99 67 · 99 67 · 91 68 · 08	67 · 74 67 · 74 67 · 66 67 · 74 67 · 99	67 · 66 67 · 91 68 · 16 68 · 41 68 · 66	69 · 74 69 · 83 69 · 91 69 · 99 70 · 08	68 · 58 68 · 41 68 · 16 67 · 91 67 · 99	69 · 99 70 · 16 70 · 33 70 · 58 70 · 66
16	69-66 69-66 69-66 69-74	72 · 24 72 · 33 72 · 49 72 · 91 73 · 41	71.83 71.74 71.99 72.41 71.33	69 · 91 69 · 83 69 · 83 69 · 83 69 · 66	68 · 58 68 · 49 68 · 49 68 · 49 68 · 41	68 · 33 68 · 33 68 · 41 68 · 49 68 · 49	68 · 24 68 · 24 68 · 16 68 · 08 67 · 99	68 · 16 67 · 74 67 · 74 67 · 74 67 · 74	68 · 83 68 · 99 69 · 33 69 · 41 69 · 41	70 · 16 70 · 08 69 · 91 69 · 74 69 · 66	68 · 08 68 · 16 68 · 16 68 · 24 67 · 99	70·49 70·33 70·33 70·33 70·58
21 22 23 24 25	69·99 69·99 70·16 70·33 70·41	73 · 58 73 · 83 73 · 83 73 · 83 73 · 83	71 · 24 71 · 24 71 · 24 71 · 16 71 · 08	69 · 66 69 · 58 69 · 58 69 · 58 69 · 49	68 · 41 68 · 41 68 · 41 68 · 41 68 · 66	68 · 41 68 · 41 68 · 33 68 · 33 68 · 33	67 · 74 67 · 83 67 · 91 67 · 91 67 · 91	67 · 74 67 · 74 67 · 99 67 · 74 67 · 74	69·49 69·66 69·66 69·41 69·16	69·58 69·49 69·41 69·41	$67 \cdot 83$ $67 \cdot 99$ $68 \cdot 16$ $68 \cdot 24$ $68 \cdot 24$	70-66 70-74 70-74 70-83 70-83
26	70·24 70·16 70·16 70·16 70·08	73 · 58 73 · 41 73 · 33 73 · 16 72 · 91 72 · 83	70·99 70·91 70·83 70·66 70·66	69·49 69·49 68·66 69·33 69·33	68 · 66 68 · 58 68 · 58 68 · 66 69 · 41 70 · 08	68 · 24 68 · 24 68 · 24 68 · 16 68 · 08	67 · 91 67 · 99 67 · 99 67 · 99 67 · 99 67 · 99	67·74 67·66 67·66 67·66 67·74	68 · 91 69 · 24 69 · 66 69 · 66 69 · 58 69 · 58	69.33	68·16 68·08 68·08	70 · 74 70 · 74 70 · 66 70 · 58 70 · 16 69 · 83

ELEVATIONS above M.S.L., of Ottawa River at Lower Ste. Anne, for 1894-95.

TABLE No. 570

									TA	BLE NO	570.
1	70 · 33 69 · 99 69 · 66 69 · 58 69 · 58	71.91 71.91 71.83 71.83 71.83	70 · 66 70 · 66 70 · 66 70 · 91 70 · 99	68 · 58 68 · 58 68 · 41 68 · 41 68 · 41	67 · 49 67 · 49 67 · 49 67 · 49 67 · 41	67 · 41 67 · 41 67 · 41 67 · 49 67 · 49	67 · 91 67 · 91 68 · 08 68 · 16 68 · 24	68 · 08 67 · 99 67 · 91 67 · 83 67 · 74	69 · 58 69 · 49 69 · 41 69 · 41 69 · 49	68 · 58 68 · 49 68 · 41 68 · 33 68 · 24	67·24 67·08 66·99 66·91 66·83
6	69·58 69·49 69·41 69·33 69·33	71 · 83 71 · 83 71 · 91 71 · 83 71 · 83	71·24 70·91 70·91 70·83 70·16	68 · 41 68 · 41 68 · 41 68 · 41 68 · 33	67·41 67·41 67·41 67·41 67·41	67 · 49 67 · 49 67 · 49 67 · 49 67 · 49	68 · 16 68 · 16 68 · 08 68 · 08 68 · 08	67·74 67·74 67·58 67·58 67·49	69 · 58 69 · 49 69 · 33 69 · 08 68 · 91	68 · 16 68 · 08 67 · 99 67 · 91 67 · 83	66.74 66.91 67.08 67.08 67.08
11. 12. 13. 14. 15.	69 · 24 69 · 08 69 · 08 69 · 08 69 · 16	71.83 71.83 71.58 71.41 71.33	70·08 70·58 70·41 70·33 70·24	$68 \cdot 24$ $68 \cdot 16$	67 · 41 67 · 41 67 · 41 67 · 41 67 · 41	67 · 49 67 · 49 67 · 49 67 · 49 67 · 58	68 · 08 68 · 08 68 · 16 68 · 16 68 · 16	67 · 49 67 · 49 67 · 83 67 · 83	68 · 74 68 · 58 68 · 49 68 · 41 68 · 33	67 · 74 67 · 66 67 · 58 67 · 49 67 · 41	67.08 67.08 67.08 67.08 67.08
16	69·16 69·24 69·33 69·49 69·66	71 · 24 71 · 08 70 · 91 70 · 91 70 · 83	70·08 70·08 70·08 70·08 70·08	$68 \cdot 16$ $68 \cdot 08$ $67 \cdot 99$ $67 \cdot 91$ $67 \cdot 91$	67 · 41 67 · 41 67 · 41 67 · 49 67 · 49	67 · 66 67 · 66 67 · 74 67 · 83 67 · 83	68 · 16 68 · 08 67 · 99 67 · 99 67 · 91	67 · 83 67 · 83 67 · 83 67 · 91 67 · 83	68 · 24 68 · 33 68 · 49 68 · 58 68 · 83	$67 \cdot 41$ $67 \cdot 41$ $67 \cdot 41$ $67 \cdot 33$ $67 \cdot 24$	67.08 67.08 67.08 67.08 67.08
21 22 23 24 25	69 · 99 70 · 24 70 · 49 70 · 83 71 · 08	70 · 66 70 · 66 70 · 66 70 · 66 70 · 66	70·08 70·16 70·24 70·41 70·41	67 · 66 67 · 66 67 · 66 67 · 74 67 · 74	67 · 41 67 · 41 67 · 41 67 · 41 67 · 41	67?83 67.83 67.83 67.91 67.91	67 · 83 67 · 91 67 · 83 67 · 83 67 · 83	67 · 74 67 · 66 67 · 83 67 · 99 68 · 16	69 · 68 69 · 08 68 · 99 68 · 83 68 · 66	67·16 67·08 66·99 66·99 67·08	66.99 66.91 66.83 66.83 66.83
26. 27. 28. 29. 30. 31.	71 · 24 71 · 41 71 · 66 71 · 74 71 · 83	70 · 66 70 · 66 70 · 66 70 · 74 70 · 83 70 · 66	70·41 70·33 70·33 70·33 70·33 70·33	67 · 74 67 · 66 67 · 66 67 · 66 67 · 41 67 · 49	67 · 41 67 · 66 67 · 41 67 · 41 67 · 41	67 · 91 67 · 91 67 · 83 67 · 83 67 · 83	67 · 83 67 · 66 67 · 74 67 · 91 67 · 99	68 · 33 68 · 49 68 · 74 68 · 99 69 · 24 69 · 58		67·16 67·16 67·24	66 · 99 67 · 24 67 · 49 67 · 49 67 · 58 67 · 66

 $\,$ 6 GEORGE V, A. 1916 Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1895–96.

	TABLE No.										0. 5/1.	
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	67·49 67·49 67·49 67·58 67·74	70·33 70·33 70·33 70·33 70·33	69 · 41 69 · 49 69 · 58 69 · 58 69 · 58	68·33 68·24 68·16 68·08 67·99	66 · 99 67 · 08 67 · 16 67 · 16 67 · 08	66.91 66.83 66.83 66.83	66 · 41 66 · 41 66 · 49 66 · 58 . 66 · 49	66·16 66·16 66·08 65·99 65·91	67·16 67·08 66·99 66·91 66·91	68 · 83 69 · 08 69 · 33 69 · 58 69 · 83	69 · 91 69 · 83 69 · 58 69 · 49 69 · 41	68 · 91 68 · 66 68 · 33 68 · 33 68 · 41
6. 7. 8. 9.	67.83 68.08 68.58 69.16 69.99	70 · 33 70 · 33 70 · 33 70 · 41 70 · 49	69·58 69·49 69·49 69·49 69·49	$67 \cdot 91$ $67 \cdot 91$ $67 \cdot 83$ $67 \cdot 74$ $67 \cdot 66$	66·99 66·99 66·99 66·99	66.83 66.83 66.74 66.74 66.74	66-49 66-41 66-41 66-33 66-24	65.91 65.99 65.99 66.08	66 · 83 66 · 91 66 · 91 66 · 91	70·08 70·33 70·58 70·83 70·83	69 · 24 69 · 08 68 · 91 68 · 91 68 · 91	68 · 41 68 · 49 68 · 58 68 · 66 68 · 74
11	$70 \cdot 74$ $70 \cdot 24$ $69 \cdot 91$ $70 \cdot 16$ $70 \cdot 41$	$70 \cdot 66$ $70 \cdot 66$ $70 \cdot 74$ $70 \cdot 74$ $70 \cdot 74$	69 · 49 69 · 41 69 · 41 69 · 33 69 · 33	67 · 66 67 · 58 67 · 49 67 · 41	$66 \cdot 91$ $66 \cdot 91$ $66 \cdot 91$ $67 \cdot 08$ $67 \cdot 08$	$66 \cdot 74$ $66 \cdot 74$ $66 \cdot 66$ $66 \cdot 58$	66·33 66·33 66·24 66·24	66 · 16 66 · 16 66 · 16 66 · 16 66 · 16	$66 \cdot 91$ $66 \cdot 99$ $66 \cdot 99$ $67 \cdot 08$ $67 \cdot 16$	70 · 83 70 · 83 70 · 83 70 · 74 70 · 74	68.91 68.91 68.91 68.91 68.91	68 · 83 68 · 91 68 · 99 68 · 99 69 · 08
16	$69 \cdot 91$ $69 \cdot 66$ $70 \cdot 58$ $70 \cdot 33$ $70 \cdot 24$	70.58 70.49 70.41 70.33	69 · 24 69 · 16 69 · 16 68 · 99 68 · 99	$67 \cdot 41$ $67 \cdot 41$ $67 \cdot 41$ $67 \cdot 41$ $67 \cdot 33$	67.08 67.08 67.08 67.08 67.08	$66 \cdot 49$	$66 \cdot 24$ $66 \cdot 16$ $66 \cdot 16$ $66 \cdot 16$ $66 \cdot 16$	$66 \cdot 24$ $66 \cdot 33$ $66 \cdot 33$ $66 \cdot 41$ $66 \cdot 41$	67 · 24 67 · 58 67 · 33 67 · 08 67 · C8	$70 \cdot 66$ $70 \cdot 58$ $70 \cdot 49$ $70 \cdot 41$ $70 \cdot 33$	68 · 91 68 · 91 68 · 91 68 · 91 68 · 91	69 · 16 69 · 24 69 · 08 68 · 83 68 · 66
21	70·16 70·16 70·33 70·41 70·49	$70 \cdot 24$ $70 \cdot 08$ $69 \cdot 99$ $69 \cdot 91$ $69 \cdot 74$	68 · 99 68 · 91 68 · 91 68 · 83 68 · 83	$67 \cdot 33$ $67 \cdot 24$ $67 \cdot 16$ $67 \cdot 16$ $67 \cdot 16$	67.08 67.08 67.08 67.08 67.08	66-49 66-49 66-49 66-49	66·16 66·16 66·16 66·16 66·16	$66 \cdot 33$ $66 \cdot 24$ $66 \cdot 24$ $66 \cdot 24$ $66 \cdot 16$	67 · 16 67 · 16 67 · 24 67 · 33 67 · 41	$\begin{array}{c} 70 \cdot 24 \\ 70 \cdot 16 \\ 70 \cdot 08 \\ 69 \cdot 99 \\ 69 \cdot 91 \end{array}$	$68 \cdot 91$ $68 \cdot 91$ $68 \cdot 91$ $68 \cdot 99$ $68 \cdot 99$	$68 \cdot 41$ $68 \cdot 16$ $67 \cdot 91$ $67 \cdot 66$ $67 \cdot 49$
26	70.58 70.58 70.58 70.58 70.58	69.66 69.66 69.58 69.58 69.41	68 · 66 68 · 66 68 · 66 68 · 49 68 · 41	67.08 67.08 66.99 66.91 66.91 66.91	67.08 67.08 67.08 67.08 66.99 66.99	66-49 66-49 66-49 66-49	66·16 66·16 66·16 66·16 66·16 66·16	66·41 66·66 66·91 67·16 67·16	67 · 99 68 · 49 68 · 49 68 · 58 68 · 58 68 · 83	69.83 69.74 69.49 69.58 69.83 69.91	68 · 99 68 · 99 68 · 99 69 · 08	67·41 67·33 67·49 67·66 67·74 67·74

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1896-97.

				,						Т.	ABLE N	o. 572.
1	67 · 74 68 · 08 68 · 33 68 · 66 68 · 83	71·49 74·33 71·24 71·08 71·49	69·41 69·41 69·33 69·16 69·24	68 · 41 68 · 24 68 · 24 68 · 08 68 · 08	67 · 66 67 · 66 67 · 66 67 · 66 67 · 66	67.08 67.08 67.08 67.08 67.08	66-91 66-91 66-91 66-91	66.83 66.83 66.83 66.91 66.99	68·58 68·58 68·49 68·41 68·33	67·91 67·91 67·91 67·91 67·91	69°16 68°99 68°83 68°66 68°41	67 · 24 67 · 24 67 · 24 67 · 24 67 · 24
6	69.83 68.91 68.99 69.08 69.58	71 · 49 71 · 16 71 · 16 71 · 16 71 · 08	$69 \cdot 24$ $69 \cdot 24$ $69 \cdot 24$ $69 \cdot 33$ $69 \cdot 41$	68.08 68.08 68.08 68.08	67 · 66 67 · 66 67 · 66 67 · 66 67 · 66	67.08 67.08 67.08 67.08 67.08	66.91 66.91 66.91 66.91 66.99	67 · 16 67 · 33 67 · 49 67 · 58 67 · 58	68 · 24 68 · 16 68 · 08 67 · 99 67 · 99	67.91 67.91 67.91 67.99 68.16	68 · 24 68 · 16 68 · 08 67 · 91 67 · 74	$67 \cdot 24$ $67 \cdot 24$ $67 \cdot 16$ $67 \cdot 16$ $67 \cdot 13$
11	69-91 70-33 70-99 70-66 71-66	71.08 71.08 70.99 70.83 70.74	69 · 49 69 · 58 69 · 58 69 · 49 69 · 41	68.08 68.08 68.08 68.08 68.08	67 · 66 67 · 66 67 · 58 67 · 49 67 · 41	66-99 66-99 66-99 66-99	66 · 91 66 · 91 66 · 91 66 · 74 66 · 74	67-66 67-74 67-91 67-91 67-99	67-99 67-99 67-99 67-99 67-99	68-33 68-49 68-66 68-74 68-74	67.58 67.49 67.41 67.41 67.41	67·49 67·58 67·66 67·74 67·83
16. 17. 18. 19. 20.	$\begin{array}{c} 72 \cdot 41 \\ 72 \cdot 41 \\ 72 \cdot 41 \\ 72 \cdot 41 \\ 72 \cdot 49 \\ 72 \cdot 49 \end{array}$	70 · 66 70 · 49 70 · 33 70 · 33 70 · 33	69·33 69·24 69·16 69·16	68 · 08 68 · 08 67 · 99 67 · 99	$67 \cdot 49$ $67 \cdot 58$ $67 \cdot 58$ $67 \cdot 41$ $67 \cdot 33$	66 · 83 66 · 83 66 · 83 66 · 83	66.74 66.74 66.74 66.66 66.66	67-99 68-08 68-16 68-08 67-91	68 · 24 68 · 41 68 · 58 68 · 83 68 · 83	68 · 66 68 · 24 67 · 99 67 · 91 67 · 83	67 · 41 67 · 33 67 · 33 67 · 33 67 · 24	68 · 08 68 · 24 68 · 33 67 · 91 67 · 58
21	$72 \cdot 66$ $72 \cdot 58$ $72 \cdot 58$ $72 \cdot 66$ $72 \cdot 41$	70 · 08 69 · 91 69 · 91 69 · 58 69 · 58	69 · 16 69 · 16 69 · 16 68 · 91 68 · 83	67 · 99 67 · 99 67 · 99 67 · 83	67 · 33 67 · 33 67 · 33 67 · 33 67 · 33	66.83 66.83 66.91 66.83 66.83	66.74 66.83 66.91 66.91 66.91	67.91 67.91 67.91 68.08 68.16	68 · 91 68 · 99 68 · 99 69 · 08 69 · 16	67 · 91 67 · 99 68 · 16 68 · 33 68 · 49	67-24 67-24 67-16 67-16 67-08	67 · 91 68 · 24 68 · 49 68 · 66 68 · 83
26. 27. 28. 29. 30. 31.	72 · 24 72 · 16 71 · 83 71 · 74 71 · 66	$69 \cdot 58$ $69 \cdot 49$ $69 \cdot 49$ $69 \cdot 41$ $69 \cdot 41$ $69 \cdot 41$	68 · 74 68 · 66 68 · 58 68 · 41 68 · 41	67 · 74 67 · 58 67 · 66 67 · 91 67 · 99	67 · 24 67 · 24 67 · 24 67 · 24 67 · 24 67 · 16	66-83 66-83 66-91 66-91	$66 \cdot 91$	68 · 33 68 · 41 68 · 49 68 · 49 68 · 58	69 · 24 69 · 33 69 · 41 68 · 91 68 · 41 67 · 91	$68 \cdot 83$ $68 \cdot 99$ $69 \cdot 16$ $69 \cdot 16$ $69 \cdot 16$ $69 \cdot 16$	67·16 67·16 67·24	68 · 83 68 · 83 68 · 83 68 · 91 69 · 08 69 · 16

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L., of Ottawa River at Lower Ste. Anne, for 1897-98.

										17	ABLE N	0. 573.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	69 · 24 69 · 33 69 · 33 69 · 33 69 · 33	71.66 71.91 72.08 72.16 72.16	71·16 70·99 70·83 70·83 70·74	69 · 41 69 · 33 69 · 24 69 · 16 69 · 16	68-66 68-74 68-66 68-58 68-49	67-99 67-99 67-91 67-74	67·16 67·16 67·08 67·08 66·99	66·99 66·99 66·74 66·83 66·99	67 · 24 67 · 24 67 · 24 67 · 16 67 · 16	69 · 49 68 · 49 68 · 58 68 · 83 68 · 83	68-83 68-66 68-66 69-58 69-08	68·33 68·33 68·41 68·33 68·16
6	69 · 49 69 · 66 69 · 49 69 · 33 69 · 16	71.99 71.99 71.91 71.91 71.83	70.66 70.58 70.58 70.49 70.33	69.08 68.99 68.59 68.91 68.91	68-41 68-24 68-49 68-41 68-33	67 · 83 67 · 74 67 · 74 67 · 66 67 · 66	66-99 66-99 66-91 66-83	66.99 67.16 67.16 67.16 66.91	67.08 67.08 67.08 67.16 67.08	68.99 68.74 68.49 67.99 68.24	69 · 16 68 · 99 68 · 66 68 · 49 68 · 41	68.08 68.16 68.08 67.91 67.83
11 12 13 14 15	69-08 68-99 68-99 68-99	71.91 71.91 71.66 71.66 71.66	70·33 70·33 70·33 70·33 70·49	68.91 68.83 68.91 68.99 68.83	68 · 16 68 · 24 68 · 24 68 · 33 68 · 33	67-66 67-66 67-58 67-58	66 · 74 66 · 83 66 · 83 67 · 68 66 · 91	67.08 66.99 67.08 66.99 66.91	67 · 16 67 · 24 67 · 33 67 · 33 67 · 66	68·41 68·49 68·99 69·41 69·33	68.08 68.08 67.91 68.41 68.58	67.91 68.16 39.16 70.66 71.41
16. 17. 18. 19. 20.	69 · 08 69 · 16 69 · 24 69 · 24 69 · 49	71.58 71.58 71.33 71.16 71.16	70·41 70·33 70·24 70·16 70·08	68 · 66 68 · 66 68 · 58 68 · 58 68 · 49	$68 \cdot 33$ $68 \cdot 24$ $68 \cdot 24$ $68 \cdot 24$ $68 \cdot 24$	$67 \cdot 49$ $67 \cdot 49$ $67 \cdot 41$ $67 \cdot 41$ $67 \cdot 41$	66·74 66·74 66·74 66·74 66·74	66-91 67-08 66-99 67-08 66-91	68 · 08 68 · 33 68 · 16 68 · 49 68 · 66	69·16 69·08 69·16 68·99 68·74	68 · 33 67 · 83 67 · 83 68 · 33 68 · 33	71.83 71.91 72.33 72.41 72.33
21 22 23 24 25	69 · 58 69 · 58 69 · 49 69 · 49 69 · 66	71 · 16 71 · 24 71 · 33 71 · 41 71 · 49	69 · 99 69 · 91 69 · 99 69 · 83 69 · 74	$68 \cdot 41$ $68 \cdot 41$ $68 \cdot 41$ $68 \cdot 41$ $68 \cdot 33$	68 · 16 68 · 16 68 · 16 68 · 16 68 · 16	67 · 33 67 · 24 67 · 16 67 · 16	66 · 66 66 · 74 66 · 74 66 · 74 66 · 83	66 · 83 67 · 08 66 · 91 66 · 83 66 · 83	68 · 49 68 · 58 68 · 49 68 · 49 68 · 66	68.74 68.91 68.91 68.91 69.08	68 · 33 68 · 33 68 · 33 68 · 58 68 · 58	72·16 71·91 71·99 71·24 70·91
26 27 28 29 30 31	69 · 66 70 · 49 70 · 99 71 · 33 71 · 58	71.58 71.58 71.66 71.49 71.49 71.41	69 · 66 69 · 58 69 · 49 69 · 58 69 · 49	68 · 33 68 · 33 68 · 49 68 · 58 68 · 66 68 · 58	68·16 68·16 68·16 68·08 68·08 67·99	67·16 67·08 67·08 67·08 67·08	66.83 66.74 66.83 66.91 66.99	66-99 66-99 67-08 67-24 67-24	68·74 68·99 68·99 69·58 69·66 69·58	69·16 68·99 68·99 68·99 68·91 68·91	68·49 68·33 68·24	70 · 66 70 · 49 70 · 41 70 · 83 70 · 83 70 · 83

ELEVATIONS above M.S.L., of Ottawa River at Lower Ste. Anne, for 1898-99.

										,	ABLE N	io. 574.
1	70.66 70.58 70.33 70.33 70.24	69 · 91 70 · 08 69 · 91 69 · 91 69 · 91	70·24 70·16 70·24 70·16 69·99	69 · 58 69 · 66 69 · 66 69 · 58 69 · 49	68 · 24 68 · 16 68 · 16 68 · 08 68 · 08	67 · 83 67 · 83 67 · 74 67 · 74 67 · 74	67 · 58 67 · 49 67 · 33 67 · 41 67 · 58	68-49 68-49 68-49 68-49	67-91 67-91 67-91 67-91 67-91	69·16 69·24 69·41 69·41 69·08	68-83 68-74 68-99 69-08 68-91	67.58 67.74 67.58 67.41 67.41
6 7 8 9 10	70.08 69.91 69.83 69.74 69.58	69·91 69·83 69·74 69·66 69·66	69 · 91 69 · 83 69 · 66 69 · 66 69 · 66	$69 \cdot 49$ $69 \cdot 24$ $69 \cdot 24$ $69 \cdot 16$ $69 \cdot 16$	68 · 08 67 · 99 67 · 99 67 · 99 67 · 99	67-66 67-66 67-66 67-66 67-66	$\begin{array}{c} 67 \cdot 41 \\ 67 \cdot 41 \end{array}$	68·49 68·49 68·33 68·33 68·16	67-91 67-91 68-24 68-16 68-24	68-99 68-83 68-91 68-66 68-33	68 · 83 68 · 66 68 · 41 68 · 24	67-66 67-83 67-83 67-99 67-99
11	69·49 69·33 69·33 69·49 69·33	$69 \cdot 74$ $69 \cdot 74$ $69 \cdot 66$ $69 \cdot 66$ $69 \cdot 66$	$69 \cdot 49$ $69 \cdot 49$ $69 \cdot 58$ $69 \cdot 58$ $69 \cdot 58$	69.08 68.99 68.91 68.91 68.74	67 · 99 67 · 99 67 · 91 67 · 91 67 · 99	67 · 66 67 · 66 67 · 66 67 · 58 67 · 58	$67 \cdot 41$ $67 \cdot 41$ $67 \cdot 49$ $67 \cdot 41$ $67 \cdot 49$	$\begin{array}{c} 67 \cdot 99 \\ 67 \cdot 91 \\ 68 \cdot 08 \\ 68 \cdot 24 \\ 68 \cdot 24 \end{array}$	68-58 68-74 68-74 68-66 68-74	67-91 68-16 68-49 68-74 68-91	68 · 24 68 · 24 68 · 49 68 · 66 68 · 58	67.83 67.74 67.74 68.16 68.16
16. 17. 18. 19.	69 · 33 69 · 33 69 · 49 69 · 49	69 · 66 69 · 58 69 · 58 69 · 49 69 · 58	69 · 49 69 · 49 69 · 41 69 · 41 69 · 33	68 · 66 68 · 58 68 · 58 68 · 58 68 · 58	67-99 68-08 68-08 67-99 67-99	67 · 41 67 · 41 67 · 33 67 · 41 67 · 41	67 · 49 67 · 66 67 · 66 67 · 74 67 · 74	68-41 68-41 68-41 69-41 68-41	68 · 74 68 · 74 68 · 74 68 · 66 69 · 08	$68 \cdot 74$ $68 \cdot 49$ $68 \cdot 24$ $68 \cdot 49$ $69 \cdot 08$	68 · 83 68 · 16 67 · 58 67 · 33 67 · 41	68 · 33 68 · 33 68 · 49 68 · 08 68 · 08
21	69.66 69.74 69.83 69.83 69.91	69 · 66 69 · 66 69 · 66 69 · 66 69 · 74	$69 \cdot 33$ $69 \cdot 24$ $69 \cdot 24$ $69 \cdot 24$ $69 \cdot 24$	$68 \cdot 58$ $68 \cdot 58$ $68 \cdot 41$ $68 \cdot 41$ $68 \cdot 41$	67 · 99 67 · 99 67 · 91 67 · 91	$67 \cdot 41$ $67 \cdot 41$ $67 \cdot 41$ $67 \cdot 58$ $67 \cdot 58$	67 · 83 67 · 74 67 · 99 68 · 33 68 · 41	68·41 68·41 68·33 68·33 68·33	69 · 24 68 · 99 69 · 33 69 · 33 68 · 58	$69 \cdot 49$ $69 \cdot 24$ $68 \cdot 58$ $68 \cdot 41$ $68 \cdot 08$	67 · 41 67 · 33 67 · 49 67 · 58 68 · 16	68·08 68·16 68·16 68·41 68·41
26. 27. 28. 29. 30. 31.	69·91 69·91 69·91 69·91 69·91	$69 \cdot 83$ $69 \cdot 99$ $70 \cdot 08$ $70 \cdot 24$ $70 \cdot 24$	69·24 69·24 69·24 69·33 69·49	68·41 68·49 68·33 68·24	67-91 67-99 67-99 67-99 67-91 67-83	67-66 67-66 67-66 67-66	68·41 68·33 68·41 68·49 68·49 68·49	68 · 24 68 · 08 67 · 91 67 · 91 67 · 83	68 · 83 68 · 58 68 · 16 68 · 08 68 · 33 68 · 58	68.74	68 · 24 67 · 91 67 · 91	68·16 67·91 67·99 68·08 68·08 68·24

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L., of Ottawa River at Lower Ste. Anne, for 1899-1900.

										Т	ABLE :	No. 575.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2	68·16 68·16 68·33 68·16 68·24	72·24 72·49 72·91 72·74 72·83	70 · 99 71 · 16 71 · 16 71 · 16 71 · 16 71 · 08	69·33 69·24 69·16 69·16 69·16	68 · 49 68 · 49 68 · 49 68 · 49 68 · 49	67·49 67·49 67·49 67·49 67·49	67 · 66 67 · 74 67 · 74 67 · 83 67 · 83	67·41 67·49 67·66 67·58 67·58		68-41 68-83 69-08 69-49 69-91	69·24 69·08 69·16 69·41 69·08	68-83 68-66 68-58 68-74 68-99
6	68 · 24 68 · 33 68 · 49 69 · 16 69 · 49	$73 \cdot 24$ $73 \cdot 08$ $73 \cdot 08$ $73 \cdot 08$ $73 \cdot 08$ $72 \cdot 99$	71.08 71.08 71.08 71.08 71.08 70.91	69·16 68·99 68·99 69·16 69·49	68·49 68·33 68·33 68·24 68·16	$67 \cdot 49$ $67 \cdot 33$ $67 \cdot 24$ $67 \cdot 24$	67 · 91 67 · 83 67 · 83 67 · 74 67 · 66	67 · 66 67 · 66 67 · 58 67 · 58		69·58 69·24 68·74 69·08 69·24	68-91 69-16 69-24 68-91 68-74	68-99 69-08 69-24 69-16 68-83
11	$69 \cdot 49$ $69 \cdot 66$ $69 \cdot 66$ $70 \cdot 16$ $70 \cdot 66$	72·91 72·83 72·74 72·58 72·33	70.91 70.83 70.74 70.49 70.41	69 · 66 69 · 66 69 · 66 69 · 58 69 · 49	68·16 68·16 68·16 67·99 67·91	$67 \cdot 24$ $67 \cdot 24$ $67 \cdot 24$ $67 \cdot 16$ $67 \cdot 16$	67.66 67.58 67.58 67.49 67.41	67 · 33 67 · 24		69·33 69·41 69·16 69·33 69·41	68 · 74 68 · 49 68 · 49 68 · 83 69 · 24	68 · 49 68 · 58 68 · 74 69 · 08 68 · 99
16	71 · 16 71 · 41 71 · 24 71 · 24 71 · 24	72·33 72·24 72·24 71·83 71·74	$70 \cdot 41$ $70 \cdot 24$ $70 \cdot 24$ $70 \cdot 16$ $69 \cdot 99$	69-49 69-33 69-16 69-16 69-08	67 · 91 67 · 83 67 · 74 67 · 74 67 · 74	67·16 67·16 67·16 67·16 67·16	67-41 67-41 67-24 67-41 67-41	67 · 24 67 · 24 67 · 16		69·41 69·08 68·83 68·83 68·74	69·49 69·66 69·66 69·49 69·58	69·08 69·16 68·99 68·74 68·41
21 22 23 24 25	71·33 71·49 71·49 71·66 71·83	$71 \cdot 66$ $71 \cdot 49$ $71 \cdot 33$ $71 \cdot 16$ $71 \cdot 08$	69·99 69·91 69·83 69·74 69·74	69·16 69·16 69·08 68·91 68·74	67 · 83 67 · 74 67 · 74 67 · 74 67 · 66	67·16 66·99 66·99 67·08 67·08	67 · 24 67 · 08 67 · 08 67 · 33 67 · 24	67·16 67·16 67·08		68·74 69·16 68·66 68·49 68·66	69·74 69·33 68·91 68·58 68·33	68 · 24 68 · 41 68 · 24 68 · 24 68 · 41
26	71-66 71-74 71-83 71-91 72-08	70·91 70·91 70·91 70·83 70·83 70·99	69.66 69.66 69.58 69.58 69.41	68 · 66 68 · 66 68 · 66 68 · 66 68 · 66	67-66 67-66 67-49 67-49 67-49	67·16 67·24 67·33 67·41 67·49	67·33 67·33 67·33 67·33 67·24 67·41	67.08 67.08 67.16			68 · 16 68 · 99	68·49 68·33 68·16 68·16 68·24 68·33

ELEVATIONS above M.S.L., of Ottawa River at Lower Ste. Anne. for 1900-01.

ELEVATIO	ns abo	ve M	.S.L.,	of Ot	tawa	River	at Lo	wer St	e. Anr	ie, foi	. 1900	-01.
										Т	ABLE 2	No. 576.
1	68 · 49 68 · 66 69 · 41 69 · 66 69 · 91	71 · 49 71 · 41 71 · 41 71 · 24 71 · 16	69 · 83 70 · 24 70 · 66 70 · 83 70 · 66	68 · 74 68 · 74 68 · 83 68 · 83 68 · 91	69·33 69·33 69·24 69·16 69·08	68 · 24 68 · 24 68 · 16 68 · 16 68 · 08	67·99 67·99 67·99 67·99 67·99	67-66 67-66 67-74 67-74	68 · 49 68 · 49 68 · 49 68 · 58 68 · 83	68-66 68-41 68-66 68-83 68-99	68 · 83 68 · 91 69 · 16 69 · 16 69 · 16	68 · 08 67 · 99 67 · 66 67 · 41 67 · 16
6	70·33 70·66 70·99 71·24 70·99	71.08 70.91 70.91 70.91 70.91	70·49 70·33 70·16 70·08 69·99	68 · 83 68 · 83 68 · 91 69 · 08 69 · 08	$68 \cdot 99$ $69 \cdot 16$ $69 \cdot 16$ $69 \cdot 16$ $69 \cdot 16$	68 · 08 68 · 08 67 · 99 67 · 91	67 · 99 67 · 99 67 · 99 68 · 08 67 · 99	67 · 74 67 · 74 67 · 74 67 · 74 67 · 74	68 · 83 68 · 83 68 · 83 68 · 83 68 · 83	69 · 49 69 · 66 69 · 83 69 · 58 69 · 16	69 · 24 69 · 24 69 · 24 69 · 24 69 · 24	67·33 67·58 66·74 67·16 67·16
11	70 · 66 70 · 33 69 · 99 69 · 74 69 · 83	70 · 91 70 · 91 70 · 83 70 · 66 70 · 66	69·99 69·99 69·91 69·74 69·66	69·16 69·24 69·33 69·41 69·41	69·08 68·99 68·91 68·74 68·91	67 · 91 67 · 83 67 · 83 67 · 83 67 · 83	67 · 91 67 · 91 67 · 99 67 · 99 68 · 08	67 · 74 67 · 66 67 · 66 67 · 66 67 · 66	68 · 83 68 · 74 68 · 66 68 · 91 69 · 24	68 · 83 68 · 99 69 · 16 69 · 49 69 · 24	69 · 24 69 · 08 69 · 08 68 · 91 68 · 91	67 · 16 67 · 16 67 · 16 67 · 16 67 · 16
16 17. 18. 19.	$69 \cdot 91$ $69 \cdot 91$ $69 \cdot 91$ $70 \cdot 24$ $70 \cdot 74$	70 · 58 70 · 58 70 · 58 70 · 74 70 · 66	$69 \cdot 49$ $69 \cdot 49$ $69 \cdot 49$ $69 \cdot 41$ $69 \cdot 24$	69·49 69·66 69·91 70·08 70·08	68 · 91 68 · 83 68 · 83 68 · 74 68 · 66	67 · 91 67 · 91 67 · 99 67 · 99 67 · 99	68-08 68-08 68-08 67-99 67-99	67-66 67-66 67-74 67-91 68-16	69 · 24 68 · 83 68 · 58 68 · 49 68 · 33	$69 \cdot 33$ $68 \cdot 91$ $69 \cdot 08$ $69 \cdot 08$ $69 \cdot 24$	68-83 68-66 68-41 68-16 67-66	67·33 67·33 67·33 67·41 67·16
21	70·99 71·16 71·33 71·58 71·66	70 · 66 70 · 58 70 · 49 70 · 49 70 · 33	69·08 69·08 69·08 68·99 68·99	69-99 69-83 69-74 69-66 69-66	68-66 68-58 68-49 68-49 68-41	67 · 99 67 · 99 67 · 99 68 · 08 68 · 08	67·99 67·91 67·83 67·83 67·83	68-66- 69-33 69-33 69-41 68-99	68 · 33 68 · 24 68 · 08 68 · 08 68 · 16	$69 \cdot 24$ $69 \cdot 24$ $69 \cdot 41$ $69 \cdot 41$ $69 \cdot 74$	67.66 67.91 67.83 67.74 67.66	66 · 99 67 · 24 67 · 41 67 · 74 67 · 83
26	71-66 71-83 71-66 71-66 71-66	$\begin{array}{c} 70 \cdot 24 \\ 70 \cdot 16 \\ 70 \cdot 08 \\ 69 \cdot 91 \\ 69 \cdot 83 \\ 69 \cdot 83 \end{array}$	68 · 91 68 · 91 69 · 08 69 · 08 69 · 08	69 · 49 69 · 41 69 · 33 69 · 33 69 · 41 69 · 33	68 · 33 68 · 33 68 · 33 68 · 33 68 · 24 68 · 24	68-08 68-08 67-99 67-99	67 · 83 67 · 74 67 · 74 67 · 74 67 · 74 67 · 74	68-83 68-49 68-33 68-33	68 · 16 68 · 33 68 · 24 68 · 33 68 · 83 68 · 74	69-66 69-49 69-08 68-91 68-74 68-83	67-66 67-58 67-91	68 · 16 68 · 66 69 · 16 69 · 41 69 · 33 69 · 16

SESSIONAL PAPER No. 19a

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1901-02.

TABLE No. 577.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
12 34 5	69·24 69·08 69·24 69·33 70·33	71 · 83 72 · 08 72 · 08 71 · 99 71 · 99	70 · 41 70 · 49 70 · 58 70 · 74 70 · 91	69·41 69·33 69·24 69·16 68·91	68 · 24 68 · 24 68 · 16 68 · 16 68 · 16	67-83 67-83 67-91 67-91	67-33 67-33 67-41 67-33 67-33	67·16 67·24 67·24 67·24 67·16	67·24 67·24 67·24 67·24 67·24	67·91 68·41 68·99 69·49 69·33	68 · 99 68 · 99 68 · 91 68 · 83 68 · 91	66 · 83 68 · 16 68 · 83 68 · 99 69 · 49
6	71.33 71.74 72.24 72.66 72.74	71.99 71.83 71.66 71.58 71.58	70 · 91 70 · 83 70 · 83 70 · 83 70 · 74	68-83 68-83 68-91 68-91 68-83	68 · 08 68 · 08 68 · 08 68 · 08 68 · 08	67.83 67.83 67.74 67.66 67.58	67-33 67-41 67-33 67-33 67-33	67-16 67-08 66-99 66-99	67·16 67·33 67·74 67·91 67·66	69-66 69-83 69-74 69-74	68 · 49 68 · 16 68 · 08 67 · 91 67 · 83	69 · 49 69 · 49 69 · 33 68 · 99 68 · 91
11	72 · 66 72 · 24 71 · 91 71 · 74 71 · 66	71 · 41 71 · 41 71 · 33 71 · 33 71 · 16	70·74 70·74 70·66 70·49 70·41	68.74 68.74 68.66 68.66 68.66	68.08 68.08 68.08 67.99 67.99	67·58 67·56 67·58 67·58 67·58	67.41 67.33 57.33 67.33	67·08 67·16 67·24 67·24 67·33	67·33 67·41 67·41 67·41 68·33	69·58 69·41 69·33 69·16 68·99	67.66 67.74 67.83 67.83 67.91	68 · 74 68 · 99 69 · 24 70 · 24 70 · 49
16	71.58 71.24 71.08 70.99 70.99	71.08 70.91 70.83 70.83 70.83	70·16 69·91 69·83 69·74 69·74	68 · 58 68 · 49 68 · 41 68 · 33 68 · 24	67·99 67·91 67·91 67·91 67·83	67 · 74 67 · 91 67 · 83 67 · 74 67 · 66	67·33 67·41 67·41 67·66 67·66	$\begin{array}{c} 67 \cdot 24 \\ 67 \cdot 24 \\ 67 \cdot 24 \\ 67 \cdot 16 \\ 67 \cdot 08 \end{array}$	69·33 69·33 69·49 69·49	68·99 68·91 68·99 68·91 69·16	$67 \cdot 74$ $67 \cdot 49$ $67 \cdot 49$ $67 \cdot 41$ $67 \cdot 33$	70 · 58 70 · 83 71 · 83 71 · 91 71 · 66
21	71.08 71.24 71.74 71.99 72.49	70·83 70·83 70·83 70·74 70·74	69.66 69.66 69.74 69.74 69.74	68 · 24 68 · 24 68 · 24 68 · 24 68 · 16	67.83 67.83 67.83 67.83	67 · 58 67 · 58 67 · 58 67 · 49 67 · 33	67.49 67.49 67.41 67.41	66 · 99 66 · 99 66 · 99 66 · 91	69 · 49 69 · 58 70 · 08 70 · 08 69 · 66	69.08 68.99 68.99 68.99 69.16	67 · 49 67 · 33 67 · 33 67 · 16 67 · 16	71 · 33 71 · 24 71 · 41 71 · 41 71 · 49
26	72-66 72-41 72-33 72-16 72-08	70·66 70·49 70·49 70·41 70·33 70·41	69·74 69·66 69·58 69·49 69·41	68·16 68·08 68·08 67·99 67·99 68·08	67·83 67·83 67·83 67·74 67·74 67·83	67·33 67·24 67·16 67·16 67·16	67 · 24 · 67 · 24 · 67 · 24 · 67 · 24 · 67 · 24 · 67 · 16 · 67 · 16	66 · 91 66 · 83 66 · 74 66 · 99 67 · 16	68 · 66 68 · 41 68 · 24 68 · 24 68 · 16 68 · 08		66·99 66·83 66·83	71·33 71·16 71·08 71·41 71·58 71·58

Elevations above M.S.L. of Ottawa River at Lower Ste. Anne, for 1902-03.

ELEVATIO	ns and	ove vi	.о.ы. (51 Ott	awa r	wer a	IL LOW	er ste	, Allii		BLE No	
1	71 · 58 71 · 66 71 · 66 71 · 41 71 · 24	70 · 66 70 · 74 70 · 83 70 · 83 70 · 74	70 · 24 70 · 24 70 · 24 70 · 33 70 · 33	69.66 69.58 69.66 69.58 69.58	69·08 69·08 69·08 69·24 69·33	68-41 68-41 68-41 68-41 68-41	67 · 91 67 · 83 67 · 83 67 · 83 67 · 83	68 · C8 68 · O8 68 · O8 68 · O8 68 · O8	68 · 74 68 · 74 68 · 74 68 · 74 68 · 83	70·33 69·99 69·66 68·74 68·66	68 · 83 69 · 08 69 · 16 68 · 91 68 · 74	68 · 66 68 · 99 69 · 58 69 · 58 69 · 33
6	71·16 70·99 70·91 70·66 70·41	70 · 74 70 · 74 70 · 74 70 · 74 70 · 74 70 · 74	70·33 70·33 70·33 70·41 70·41	69·58 69·58 69·58 69·58 69·58	69·33 69·24 69·16 69·16 69·08	68 · 41 68 · 33 68 · 49 68 · 49 68 · 33	67.83 67.91 67.91 67.91 67.91	68.08 68.08 68.08 68.08 68.08	68 · 99 69 · 16 69 · 13 69 · 49 69 · 66	68.66 68.74 68.74 68.91 68.91	$68 \cdot 74$	69.08 68.99 69.08 69.33 69.58
11	$70 \cdot 41$ $70 \cdot 58$	70·74 70·74 70·74 70·74 70·58	$\begin{array}{c} 70 \cdot 41 \\ 70 \cdot 41 \\ 70 \cdot 24 \\ 70 \cdot 24 \\ 70 \cdot 24 \\ 70 \cdot 24 \end{array}$	69·58 69·49 69·41 69·41 69·41	69.08 68.99 68.91 68.91 68.91	68·33 68·24 68·24 68·24 68·16	67 · 91 67 · 91 67 · 91 67 · 91 67 · 91	68 · 16 68 · 16 68 · 24 68 · 24 68 · 33	69-91 69-91 69-91 69-99 70-08	69·16 69·16 69·16 69·41 69·83	68 · 82 68 · 82 68 · 99 69 · 16 69 · 33	69 · 83 70 · 24 70 · 74 70 · 99 71 · 08
16 17	70 · 58 70 · 58 70 · 58 70 · 49 70 · 41	$\begin{array}{c} 70 \cdot 41 \\ 70 \cdot 41 \\ 70 \cdot 41 \\ 70 \cdot 24 \\ 70 \cdot 24 \end{array}$	70·08 69·99 69·99 69·99 69·91	69·41 69·41 69·41 69·41 69·41	68 · 82 68 · 83 68 · 74 68 · 66 68 · 66	68-16 68-16 68-16 68-08 68-08	67 · 99 67 · 99 67 · 99 67 · 99 67 · 99	68 · 41 68 · 49 68 · 49 68 · 49 68 · 66	$\begin{array}{c} 70 \cdot 24 \\ 69 \cdot 99 \\ 69 \cdot 58 \\ 69 \cdot 49 \\ 69 \cdot 41 \end{array}$	69-66 69-33 68-83 68-83 68-58	$69 \cdot 66$ $69 \cdot 58$ $69 \cdot 49$ $69 \cdot 49$ $69 \cdot 49$	71.08 71.08 71.16 71.24 71.58
21	70·33 70·24 70·24 70·24 70·24 70·24	70·16 69·99 69·99 69·99 69·99	69·91 69·83 69·83 69·74	$69 \cdot 33$ $69 \cdot 24$ $69 \cdot 24$ $69 \cdot 24$ $69 \cdot 33$	68 · 66 68 · 66 68 · 66 68 · 66 68 · 66	68.08 68.08 68.08 68.08 67.99	67.99 67.91 67.99 67.91 67.99	68 · 74 68 · 74 68 · 83 68 · 91 68 · 91	69·58 69·41 69·08 69·33 69·49	$68 \cdot 66$ $68 \cdot 99$ $69 \cdot 41$ $69 \cdot 24$ $69 \cdot 08$	$69 \cdot 41$ $69 \cdot 41$ $69 \cdot 41$ $68 \cdot 91$ $68 \cdot 33$	$\begin{array}{c} 71\cdot 99 \\ 72\cdot 08 \\ 72\cdot 16 \\ 72\cdot 33 \\ 72\cdot 41 \end{array}$
26	70 · 24 70 · 33 70 · 58 70 · 58 70 · 58	$\begin{array}{c} 70 \cdot 08 \\ 70 \cdot 08 \\ 70 \cdot 08 \\ 70 \cdot 16 \\ 70 \cdot 24 \\ 70 \cdot 24 \end{array}$	69·74 69·74 69·74 69·74 69·74	$69 \cdot 3?$ $69 \cdot 24$ $69 \cdot 24$ $69 \cdot 16$ $69 \cdot 16$ $69 \cdot 08$	68 · 66 68 · 66 68 · 66 68 · 49 68 · 41 68 · 41	67.91 67.83 67.83 67.91 67.91	67 · 91 67 · 91 67 · 91 67 · 91 67 · 99 67 · 99	68-91 68-91 68-83 68-74 68-74	$\begin{array}{c} 70 \cdot 08 \\ 70 \cdot 08 \\ 70 \cdot 08 \\ 70 \cdot 08 \\ 70 \cdot 33 \\ 70 \cdot 24 \\ 70 \cdot 16 \end{array}$	$\begin{array}{c} 68 \cdot 91 \\ 68 \cdot 91 \\ 68 \cdot 91 \\ 69 \cdot 16 \\ 68 \cdot 58 \\ 68 \cdot 58 \end{array}$		$\begin{array}{c} 72 \cdot 33 \\ 72 \cdot 16 \\ 71 \cdot 99 \\ 71 \cdot 49 \\ 71 \cdot 33 \\ 71 \cdot 16 \end{array}$

6 GEORGE V, A. 1916

 $\scriptstyle\rm ELEVATIONS$ above M.S.L., of Ottawa River at Lower Ste. Anne, for 1903–04.

-		-			-					_		
Day.	April.	May.	June.	July.	Aug.	Sept	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	70·99 70·83 70·91 70·99 71·08	70-33 70-24 70-24 70-16 70-16	69·83 69·83 69·74 69·74	70 · 24 70 · 41 70 · 49 70 · 66 70 · 49	69·24 69·24 69·33 69·33 69·33	68-66 68-74 68-74 68-74 68-74	68 · 41 68 · 49 68 · 49 68 · 49 68 · 49	68·41 68·33 68·33 68·33 68·33	67 · 66 67 · 66 67 · 66 67 · 66 67 · 66	68 · 66 68 · 66 68 · 66 67 · 66 67 · 83	68-66 68-66 68-66 68-68	68-66 68-74 68-74 68-66 68-08
6	71·16 71·33 71·49 71·41 71·24	70·24 70·33 70·49 70·66 70·66		70 · 33 70 · 33 70 · 24 70 · 08 69 · 99	$69 \cdot 24$ $69 \cdot 24$ $69 \cdot 16$ $69 \cdot 16$ $69 \cdot 24$	68·74 68·58 68·58 68·49 68·41	68·41 68·41 68·41 68·66 68·66	68·16 68·16 67·99 68·08 68·08	$\begin{array}{c} 67 \cdot 66 \\ 67 \cdot 66 \end{array}$	67 · 83 67 · 99 67 · 91 68 · 16 68 · 66	68-66 69-08 69-08 68-66 68-74	68.08 67.74 68.24 68.33 68.41
11	71.08 70.99 70.91 70.83 70.66	70·58 70·58 70·66 70·66 70·66	69.58 69.66 69.83	69·91 69·74 69·74 69·66 69·58	$69 \cdot 24$ $69 \cdot 24$ $69 \cdot 24$ $69 \cdot 16$ $69 \cdot 16$	$68 \cdot 41$	$68 \cdot 66$ $68 \cdot 99$ $68 \cdot 91$ $68 \cdot 91$ $68 \cdot 91$	68.08 68.08 68.16 67.99 67.99	$67 \cdot 41$ $67 \cdot 49$ $67 \cdot 66$ $68 \cdot 08$ $68 \cdot 24$	68 · 66 68 · 66 68 · 66 68 · 66	69 · 08 69 · 33 68 · 74 68 · 83 68 · 83	68-83 68-74 68-74
16	70·49 70·49 70·49 70·49 70·49	70 · 66 70 · 66 70 · 66 70 · 66 70 · 66	69 · 99 69 · 99 69 · 91		69·16 68·99 68·99 68·99	68-41 68-41 68-41 68-41	68 · 74 68 · 74 68 · 74 68 · 83 68 · 91	67-99 67-83 67-83 67-66 67-66	$68 \cdot 41$ $68 \cdot 24$ $68 \cdot 24$ $68 \cdot 41$ $68 \cdot 41$	68 · 74 68 · 66 68 · 66 68 · 74 68 · 66	69·24 69·24 68·74 68·91	68-41 68-33 68-41
21	70 · 49 70 · 58 70 · 58 70 · 58 70 · 49	70 · 66 70 · 66 70 · 49 70 · 49 70 · 33	69 · 91 69 · 99 70 · 08	69.33	68-99 68-99 68-91 68-83	68·41 68·41 68·41 68·41	68-99 68-99 68-99 68-66	67 · 66 67 · 66 67 · 66 67 · 41 67 · 41	68·41 68·41 68·41 68·41	68·74 68·74 68·08 68·24 68·66	68 · 91 68 · 91 68 · 91 69 · 41 69 · 33	68·16 68·16 68·41
26. 27. 28. 29. 30. 31.	70 · 49 70 · 49 70 · 49 70 · 49 70 · 49	70·33 70·33	70 · 24 70 · 24 70 · 33 70 · 16	69·33 69·24 69·24	68-66 68-66 68-66 68-66 68-58	68 · 49 68 · 49 68 · 49 68 · 41	68 · 66 68 · 66	67-41 67-58 67-66 67-66	68 · 74 68 · 74 68 · 74 67 · 74 68 · 41 68 · 74	68 · 66 67 · 99 67 · 74 67 · 74 67 · 83 68 · 66	68-66 68-66 68-66	70.66 70.99 70.83

ELEVATIONS above M.S.L., of Ottawa River at Lower Ste. Anne, for 1904-05.

ELEVATIO				01 0 0							BLE No	580.
1	70·99 71·58 71·83 71·99 71·99	71 · 91 72 · 16 72 · 33 72 · 41 72 · 58	72·49 72·66 72·83 73·16 73·16	70·91 70·91 70·83 70·83 70·83	69-83 69-66 69-66 69-49	69.08 68.91 68.99 69.33 69.49	69.08 69.16 69.16 69.24 69.33	69 · 41 69 · 41 69 · 41 69 · 33 69 · 33	68·33 68·33 68·24 68·16 68·16	68 · 16 68 · 33 68 · 41 68 · 58 68 · 41	68·74 68·58 68·49 68·33 68·41	68·41 68·33 68·33 68·49 68·24
6	71 · 99 71 · 99 71 · 91 72 · 08 72 · 24	$\begin{array}{c} 72 \cdot 66 \\ 72 \cdot 83 \\ 72 \cdot 91 \\ 73 \cdot 16 \\ 73 \cdot 16 \end{array}$	$73 \cdot 16$ $73 \cdot 16$ $73 \cdot 24$ $73 \cdot 16$ $72 \cdot 99$	70 · 83 70 · 58 70 · 58 70 · 41 70 · 33	$69 \cdot 49$ $69 \cdot 49$ $69 \cdot 58$ $69 \cdot 49$ $69 \cdot 33$	$69 \cdot 33$ $69 \cdot 33$ $69 \cdot 24$ $69 \cdot 16$ $69 \cdot 08$	69·33 69·24 69·33 69·33 69·24	$\begin{array}{c} 69 \cdot 24 \\ 69 \cdot 24 \\ 69 \cdot 16 \\ 69 \cdot 08 \\ 68 \cdot 99 \end{array}$	$68 \cdot 16$ $68 \cdot 24$ $68 \cdot 33$ $68 \cdot 24$ $68 \cdot 41$	$68 \cdot 41$ $68 \cdot 33$ $68 \cdot 24$ $68 \cdot 16$ $68 \cdot 33$	68 · 49 68 · 49 68 · 58 68 · 58 68 · 66	68.08 68.08 67.99 68.08 67.91
11	72 · 66 72 · 66 72 · 49 72 · 24 72 · 08	$73 \cdot 16$ $73 \cdot 16$ $73 \cdot 24$ $73 \cdot 16$ $73 \cdot 16$	72.99 72.99 73.08 73.08 72.99	70 · 49 70 · 49 70 · 49 70 · 49 70 · 49	69·33 69·24 69·16 69·16 69·24	69-08 69-08 69-08 68-91 68-83	69 · 33 69 · 32 69 · 08 69 · 08 69 · 08	68 · 91 68 · 91 68 · 93 68 · 83 68 · 66	68 · 74 69 · 41 69 · 33 69 · 33 69 · 41	68.58 68.66 68.74 68.91 68.91	68 · 66 68 · 58 68 · 58 68 · 83	$67 \cdot 91$ $67 \cdot 83$
16	71·49 71·24 71·24 71·08 71·08	72 · 83 72 · 83 72 · 83 72 · 66 72 · 66	72 · 83 72 · 74 72 · 49 72 · 33 72 · 08	70 · 49 70 · 41 70 · 41 70 · 41 70 · 24	69·33 69·24 69·16 69·08 69·08	68-91 68-99 68-99 68-99	$69 \cdot 08$ $69 \cdot 08$ $69 \cdot 24$ $69 \cdot 24$ $69 \cdot 41$	68.74 68.74 68.58 68.58 68.58	69·74 69·74 69·83 69·83 69·66	68 · 83 68 · 83 68 · 74 68 · 74 68 · 91	68 · 83 68 · 74 68 · 83 68 · 99	67 · 83 67 · 83 67 · 74 67 · 74 67 · 74
21	71.08 70.91 70.83 70.83 70.83	$\begin{array}{c} 72 \cdot 66 \\ 72 \cdot 66 \\ 72 \cdot 66 \\ 72 \cdot 66 \\ 72 \cdot 66 \end{array}$	71.91 71.99 71.66 71.66 71.66	70 · 16 70 · 16 70 · 08 69 · 99 69 · 83	69 · 24 69 · 33 69 · 24 69 · 24	68 · 83 68 · 74 68 · 74 68 · 91 69 · 68	69 · 49 69 · 66 69 · 66 69 · 58 69 · 58	68 · 58 68 · 58 68 · 49 68 · 41 68 · 41	$69 \cdot 58$ $69 \cdot 41$ $69 \cdot 33$ $69 \cdot 24$ $69 \cdot 16$	68-99 68-91 68-91 68-91 68-83	69-08 69-08 68-99 68-91 68-74	$67 \cdot 91$ $68 \cdot 08$ $67 \cdot 99$ $67 \cdot 99$ $67 \cdot 99$
26 27 28 29 30 31	71.08 70.99 71.08 71.24 71.58		71·49 71·41	69 · 99 69 · 91 69 · 83 69 · 83 69 · 83	69·24 69·33 69·24 69·24 69·16 69·08	69 · 33 69 · 16 69 · 16 69 · 16 69 · 08	69.58 69.58 69.58 69.49 69.49	68 · 33 68 · 33 68 · 33 68 · 33	$68 \cdot 91$ $68 \cdot 74$ $68 \cdot 33$ $67 \cdot 83$ $68 \cdot 16$ $68 \cdot 08$		68 - 66 68 - 49 68 - 41	69 · 33 68 · 91 69 · 24 69 · 49 69 · 83 70 · 08

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L., of Ottawa River at Lower Ste. Anne, for 1905-06.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	70·99 70·91 70·91 70·66 70·58	68·99 69·08 69·16 69·33 69·41	69·99 69·99 69·91 69·91 69·83	69·41 69·49 69·66 69·83 69·74	69.08 69.16 69.16 69.08 68.99	68-49 68-49 68-58 68-66 68-66	68·33 68·33 68·33 68·33	68 · 24 68 · 24 68 · 66 68 · 41 68 · 41	68 · 24 68 · 33 68 · 33 68 · 33 68 · 41	68 · 58 68 · 58 68 · 66 68 · 66 68 · 83	69·41 69·24 68·91 69·16 69·58	68 · 91 69 · 49 69 · 41 68 · 91 69 · 08
6	70 · 66 70 · 66 70 · 66 70 · 58 70 · 41	69 · 41 69 · 58 69 · 74 69 · 91 69 · 99	69-66 69-58 69-58 69-58 69-58	69 · 66 69 · 49 69 · 33 69 · 24 69 · 16	68 · 91 68 · 91 69 · 08 69 · 16 68 · 99	68 · 66 68 · 66 68 · 58 68 · 58	68 · 41 68 · 33 68 · 24 68 · 24	68 · 41 68 · 24 68 · 24 68 · 33 68 · 33	68 · 41 68 · 41 68 · 33 68 · 33 68 · 24	68 · 99 69 · 33 69 · 58 69 · 83 69 · 83	69·58 69·58 69·33 69·41 69·58	68 · 99 68 · 74 68 · 49 68 · 33 68 · 24
11 12 13 14 15	70 · 24 70 · 16 70 · 16 70 · 08 69 · 91	70·08 70·16 70·24 70·33 70·41	69 · 66 69 · 83 69 · 83 69 · 83	69 · 16 69 · 08 69 · 08 69 · 08 69 · 08	68 · 91 68 · 91 68 · 83 68 · 83 68 · 74	68 · 58 68 · 58 68 · 58 68 · 41 68 · 49	$68 \cdot 49$ $68 \cdot 16$ $68 \cdot 24$ $68 \cdot 24$ $68 \cdot 24$	68 · 24 68 · 33 68 · 33 68 · 33 68 · 41	68·16 68·08 68·08 68·16 68·33	$69 \cdot 91$ $70 \cdot 33$ $70 \cdot 41$ $70 \cdot 24$ $70 \cdot 41$	69 · 58 69 · 66 69 · 74 69 · 41 68 · 91	68 · 33 68 · 49 68 · 66 68 · 66 68 · 58
16	69 · 74 69 · 58 69 · 58 69 · 49 69 · 49	70 · 49 70 · 49 70 · 74 70 · 49 70 · 41	69·74 69·66 69·66 69·83	69.08 69.08 69.16 69.16 69.16	68 · 66 68 · 49 68 · 66 68 · 83 68 · 83	68 · 33 68 · 41 68 · 49 68 · 49 68 · 58	68·16 68·24 68·33 68·49 68·66	68 · 41 68 · 41 68 · 24 68 · 16 68 · 08	68 · 41 68 · 41 68 · 41 68 · 41 68 · 49	$69 \cdot 08$ $69 \cdot 16$ $69 \cdot 24$ $69 \cdot 16$ $69 \cdot 16$	68 · 58 69 · 08 68 · 99 68 · 83 68 · 66	68 · 58 68 · 08 68 · 16 68 · 41 68 · 24
21 22 23 24 25	69·24 69·16 69·16 69·16 69·08	70 · 41 70 · 49 70 · 58 70 · 49 70 · 41	69·83 69·74 69·74 69·66 69·66	69 · 16 69 · 08 69 · 08 68 · 99 68 · 99	68 · 74 68 · 74 68 · 66 68 · 66	68 · 49 68 · 49 68 · 58 68 · 58 68 · 49	68 · 66 68 · 83 68 · 83 68 · 91 68 · 99	68.08 67.91 67.99 67.99 68.08	68 · 49 68 · 41 68 · 33 68 · 41 68 · 41	68 · 99 68 · 91 69 · 16 69 · 83 70 · 41	68 · 49 68 · 83 68 · 74 68 · 74 68 · 74	67.99 68.24 68.41 68.41 68.24
26	69.08 69.08 68.99 68.99	70·41 70·33 70·24 70·16 69·66 70·08	69.58 69.49 69.49 69.49 69.33	68 · 99 68 · 99 68 · 99 68 · 99 69 · 08 69 · 08	68 · 58 68 · 58 68 · 41 68 · 49 68 · 49 68 · 49	68 · 41 68 · 41 68 · 33 68 · 41 68 · 33	68 · 99 69 · 08 69 · 08 69 · 08 69 · 08	68-08 68-08 68-24 68-24 68-33	68 · 49 68 · 41 68 · 33 68 · 41 68 · 49 68 · 58		68 · 74 68 · 83 69 · 08	68·08 68·41 68·99 69·33 69·58 69·49

ELEVATIONS above M.S.L, of Ottawa River at Lower Ste. Anne, for 1906-07.

										TAI	BLE No	582.
1 2 3 4 5	69·41 69·33 69·16 69·16 69·08	69·74 69·91 69·91 69·91 69·91	70·24 70·24 70·16 70·08 70·08	69·83 69·74 69·66 69·58 69·58	68·41 68·41 68·33 68·33 68·24	67 · 66 67 · 66 67 · 74 67 · 83 67 · 74	67-49 67-41 67-41 67-41 67-41	67·49 67·58 67·49 67·49 67·49	67 · 74 67 · 74 67 · 74 67 · 74 67 · 41	69·41 69·33 69·24 69·24 68·99	68 · 74 69 · 58 69 · 41 68 · 91 69 · 16	68 · 99 69 · 08 68 · 99 68 · 83 68 · 66
6	69.08 68.99 68.91 68.91 68.91	69·99 69·99 69·99 70·16	70.08 70.08 70.49 70.83 71.08	69·49 69·49 69·49 69·49 69·49	68 · 24 68 · 33 68 · 33 68 · 24 68 · 24	67 · 66 67 · 74 67 · 74 67 · 74 67 · 74	67·41 67·49 67·49 67·49	$67 \cdot 66$ $67 \cdot 41$ $67 \cdot 41$ $67 \cdot 58$ $67 \cdot 58$	$67 \cdot 24$ $67 \cdot 66$ $67 \cdot 91$ $68 \cdot 41$ $68 \cdot 99$	69·08 69·16 69·24 69·58 69·74	$68 \cdot 91$ $69 \cdot 24$ $69 \cdot 83$ $70 \cdot 24$ $70 \cdot 08$	69.58 68.58 68.49 68.49 68.49
11	68 · 91 68 · 99 69 · 08 69 · 16 69 · 16	70·16 70·24 70·33 70·66 70·74	70.83 70.58 70.58 70.41 70.41	69 · 33 69 · 24 69 · 08 69 · 08 69 · 08	68·16 68·16 68·08 68·08 68·08	67·74 67·58 67·49 67·66 67·66	67 · 49 67 · 49 67 · 49 67 · 49 67 · 49	67 · 66 67 · 66 67 · 66 67 · 41 67 · 41	69-08 69-24 69-99 69-99 69-83	$70 \cdot 08$ $70 \cdot 33$ $70 \cdot 41$ $70 \cdot 49$ $70 \cdot 24$	$69 \cdot 74$ $69 \cdot 66$ $69 \cdot 66$ $69 \cdot 58$ $69 \cdot 49$	68-49 68-41 68-24 68-98 67-99
16. 17. 18. 19. 20.	69·24 69·41 69·41 69·41 69·49	70·74 70·66 70·66 70·74 70·74	70·33 70·24 70·24 70·16 70·08	68-99 68-91 68-83 68-66 68-66	67 · 99 67 · 99 67 · 91 67 · 83 67 · 83	67 · 66 67 · 49 67 · 49 67 · 58 67 · 49	67 · 58 67 · 41 67 · 49 67 · 49 67 · 49	67·33 67·33 67·33 67·41 67·66	69-49 69-16 69-16 69-24 69-41	70-41 68-91 68-33 68-16 68-24	69·49 69·16 68·91 68·83 68·74	68 · 08 68 · 24 68 · 58 68 · 99 68 · 91
21	69-49 69-49 69-58 69-49	70 · 74 70 · 74 70 · 66 70 · 66 70 · 58	70.08 70.08 70.08 70.08 70.08	68-66 68-66 68-66 68-58	67-91 67-83 68-16 67-99 67-91	67 · 49 67 · 49 67 · 41 67 · 33 67 · 41	67 · 58 67 · 58 67 · 58 67 · 58 67 · 24	67·49 67·49 67·66 67·83 67·83	69-41 69-41 69-41 69-49 69-58	68-49 68-58 68-66 68-66 68-66	68-99 68-99 69-08 69-33 69-24	68 · 83 68 · 74 68 · 91 69 · 24 69 · 66
26	69-74 69-74 69-74 69-74 69-74	70·58 70·49 70·49 70·41 70·24 70·24	70·08 69·91 69·66 70·16 69·83	68 · 58 68 · 49 68 · 49 68 · 49 68 · 49 68 · 19	67·83 67·83 67·74 67·74 67·66 67·66	67·41 67·49 67·49 67·49 67·49	67 · 74 67 · 83 67 · 74 67 · 74 67 · 83 67 · 74	67 · 83 67 · 83 67 · 91 67 · 91 67 · 66	69 · 49 69 · 49 69 · 24 69 · 16 68 · 99 68 · 33	68 · 66 68 · 83 69 · 16 69 · 49 69 · 66 69 · 83	68 · 99 68 · 99 68 · 91	69·74 69·83 69·99 70·74 71·16 70·83

6 GEORGE V, A. 1916

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1907-08.

		-										0. 000.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	72 · 49 72 · 38 72 · 24 71 · 91 71 · 66	70·33 70·83 70·99 71·24 71·41	71·16 71·08 70·99 71·08 71·08	70·41 70·24 70·33 70·24 70·16	69·33 69·24 69·16 69·16 69·16	68-33 68-33 68-41 68-49 68-41	68·49 68·58 68·58 68·58 68·58	68·41 68·49 68·49 68·49 68·74	68-66 68-58 68-58 68-49 68-33	69·83 69·74 69·58 69·58 69·58	69·24 69·24 69·16 69·16 69·16	69 · 33 69 · 24 69 · 24 69 · 16 69 · 08
6	70 · 66 71 · 08 70 · 99 70 · 74 70 · 74	71 · 49 71 · 41 71 · 24 71 · 08 70 · 74	71.08 71.16 71.08 71.08 70.99	70·16 70·16 70·08 70·08 69·99	69·24 69·16 69·16 69·08 68·99	68·33 68·33 68·33 68·31	68.58 68.58 68.74 68.74 68.74	68 · 83 68 · 91 69 · 33 69 · 74 69 · 83	68-49 68-49 68-41 68-49	69-66 69-66 69-74 69-74	69 · 16 69 · 24 69 · 33 69 · 49 69 · 49	68 · 99 68 · 91 68 · 83 68 · 66 68 · 74
11	70·49 70·41 70·49 70·58 70·58	70·74 70·66 70·58 70·74 70·58	70.99 70.83 70.83 70.83 70.91	69-91 69-83 69-74 69-74 69-66	68-99 68-99 68-91 68-74 68-83	68-58 68-41 68-41 68-41	68-83 68-83 68-83 68-74 68-74	69-91 69-74 69-58 69-41 69-49	68-49 68-58 68-83 69-16 68-99	69 · 66 69 · 83 70 · 08 70 · 08 69 · 99	69.83 69.66 69.74 69.49 68.99	
16 17 18 19	70·49 70·41 70·33 70·24 70·16	70-58 70-66 70-66 70-66 70-74	70-91 70-83 70-74 70-83 70-66	69-66 69-66 69-49 69-58 69-49	68 · 74 68 · 83 68 · 74 68 · 74 68 · 74	68 · 41 68 · 49 68 · 49 68 · 33 68 · 33	68-66 68-74 68-74 68-66 68-66	69·41 69·24 69·16 69·16 69·08	68 · 83 68 · 74 68 · 74 69 · 08 69 · 08	69·99 71·08 70·91 70·58 70·24	69 · 08 69 · 33 69 · 66 69 · 74 69 · 83	69 - 9
21 22 73 24 25	70 - 08 69 - 99 69 - 91 69 - 74 69 - 74	71 · 24 71 · 33 71 · 49 71 · 58 71 · 66	70.58 70.58 70.49 70.33 70.33	69·49 69·41 69·49 69·41 69·41	68 · 66 68 · 58 68 · 58 68 · 49 68 · 58	68-33 68-33 68-41 68-49 68-41	68 · 58 68 · 58 68 · 49 68 · 49	68-99 68-99 68-91 68-83	69-08 69-08 68-99 68-83 68-83	70.08 69.74 69.08 69.24 69.99	70·16 70·33 70·41 70·33 70·33	69 · 58 69 · 41 69 · 33
26	69 · 74 69 · 83 69 · 66 69 · 66 69 · 74	71-66 71-49 71-49 71-49 71-49 71-49	70·33 70·24 70·08 70·16 70·08	69 · 41 69 · 16 69 · 24 69 · 33 69 · 33 69 · 16	68-58 68-49 68-41 68-33 68-41 68-33	68-49 68-58	68-49 68-58 68-66 69-58 68-49 68-49	68 · 66 68 · 66 68 · 66 68 · 66 68 · 66	68-83 68-91 69-08 69-33 69-74 69-58	69-41 69-08 68-91 68-83 68-74 68-58	70·24 69·91 69·33 69·41	70 - 33

ELEVATIONS above M.S.L., of Ottawa River at Lower Ste. Anne, for 1908-09.

IJIII TILLO		, , , , , , ,	,	0. 00		111101				,		
										TA	BLE No	584.
1 2 3 4 5	71 · 49 71 · 33 71 · 23 71 · 33 71 · 24	72 · 33 72 · 83 73 · 08 73 · 49 73 · 66	73 · 49 73 · 16 73 · 33 73 · 33 73 · 34	70·91 70·83 70·74 70·66 70·58	69-66 69-58 69-58 69-58 69-58	68 · 91 68 · 82 68 · 74 68 · 74 68 · 74	68-33 68-24 68-16 68-16 68-16	67·41 67·49 67·66 67·49 67·66	67.83 67.91 68.08 68.24 63.08	69·49 69·33 69·08 68·66 67·91	68 · 82 68 · 92 69 · 08 68 · 99 68 · 99	68 · 66 68 · 66 68 · 58 68 · 41 68 · 41
6	71·33 71·41 71·99 71·91 71·66	73.58 73.49 73.41 73.91 73.99	73 · 33 73 · 16 73 · 98 72 · 99 72 · 83	70·58 70·49 70·49 70·49 70·41	69 · 58 69 · 49 69 · 49 69 · 41	68-83 68-74 68-74 68-66 68-66	68-08 68-08 68-08 68-08 67-99	67 · 49 67 · 58 67 · 66 67 · 74 67 · 74	68 · 08 68 · 08 67 · 99 67 · 99 68 · 08	68 · 08 68 · 16 68 · 33 68 · 58 68 · 91	68 · 90 68 · 91 63 · 83 68 · 74 68 · 83	68 · 49 68 · 58 68 · 58 68 · 49 68 · 33
11	71.91 71.91 72.24 71.16 71.08	74 · 16 74 · 24 74 · 33 74 · 41 74 · 49	$\begin{array}{c} 72 \cdot 74 \\ 72 \cdot 49 \\ 72 \cdot 33 \\ 72 \cdot 16 \\ 72 \cdot 08 \end{array}$	70 · 41 70 · 24 70 · 24 70 · 24 70 · 24	69-41 69-41 69-41 69-41 69-41	68-66 68-66 68-58 68-58 68-49	$\begin{array}{c} 67 \cdot 99 \\ 67 \cdot 99 \\ 67 \cdot 99 \\ 67 \cdot 91 \\ 67 \cdot 91 \end{array}$	67 · 74 67 · 58 67 · 49 67 · 58 67 · 49	67.58 67.83 67.91 67.99 67.91	68 · 99 69 · 16 68 · 74 68 · 41 68 · 33	68-99 68-99 68-99 69-16 68-91	$68 \cdot 16$ $68 \cdot 24$ $68 \cdot 41$ $68 \cdot 24$ $68 \cdot 41$
16	71.91 71.74 71.49 71.33 71.24	74 · 24 74 · 24 74 · 33 74 · 41 74 · 08	71.99 71.91 71.83 71.74 71.58	70·16 70·08 70·08 70·16 70·16	69·33 69·24 69·24 69·24 69·24	68.41 68.41 68.33 68.33 68.24	67 · 99 67 · 99 67 · 91 67 · 99 67 · 83	67 · 74 67 · 83 67 · 74 67 · 74 67 · 66	67 · 66 67 · 58 67 · 41 67 · 65 67 · 74	68 · 58 68 · 91 68 · 99 68 · 74 68 · 58	68 · 58 68 · 41 68 · 24 68 · 24 68 · 24	68 · 33 68 · 33 68 · 24 68 · 24
21 22 23 24 25	71 · 24 71 · 33 71 · 33 71 · 41 71 · 41	74 · 16 74 · 08 73 · 99 73 · 83 73 · 83	71·58 71·58 71·41 71·33 71·24	$70 \cdot 16$ $76 \cdot 16$ $70 \cdot 24$ $70 \cdot 16$ $69 \cdot 99$	$69 \cdot 24$ $69 \cdot 24$ $69 \cdot 24$ $69 \cdot 16$ $69 \cdot 16$	68-24 68-33 68-33 68-33 68-33	67-66 67-66 67-58 67-66	67 · 49 67 · 49 67 · 49 67 · 49 67 · 58	67.91 68.08 68.24 68.16 68.16	68-66 68-58 68-58 68-49 68-49	68-14 68-16 68-16 68-08 68-08	68 · 16 68 · 08 68 · 08 68 · 08 68 · 08
26	71-49 71-58 71-74 71-74 71-79	73 · 83 73 · 66 73 · 74 73 · 58 73 · 58 73 · 49	71·24 71·16 71·08 70·99 70·83	69·83 69·74 69·83 69·74 69·58 69·66	69-08 68-99 68-91 68-83 68-91	68-33 68-16 68-33 68-16 68-41	$\begin{array}{c} 67 \cdot 74 \\ 67 \cdot 74 \\ 67 \cdot 83 \\ 67 \cdot 83 \\ 67 \cdot 74 \\ 67 \cdot 49 \end{array}$	67 · 49 67 · 33 67 · 58 67 · 58 67 · 74	68 · 08 69 · 58 68 · 08 69 · 41 69 · 58 69 · 49	68-33 68-24 68-33 68-33 68-74	68 · 08 67 · 99 68 · 58	68-08 68-08 68-16 68-33 68-58 68-58

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L., of Ottawa River at Lower Ste. Anne, for 1909–10.

										DITE 7/6). 000.	
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	69·24 69·41 69·58 69·58 70·24	71-66 71-83 71-99 72-49 72-33	73 · 74 73 · 74 73 · 74 73 · 33 73 · 33	70·16 70·16 70·08 70·16 69·99	69·99 69·99 69·91 69·83 69·74	68-66 68-74 68-66 68-66 68-91	68 · 33 68 · 24 68 · 33 68 · 24 68 · 33	67 · 74 67 · 66 67 · 66 67 · 83 67 · 74	67 · 99 68 · 08 68 · 16 68 · 16 68 · 08	68 · 91 68 · 99 68 · 99 68 · 83 68 · 66	68·41 68·33 68·16 68·08 67·99	67·16 67·49 67·66 67·99 68·16
6 7 8 9	70·74 71·41 71·74 72·41 72·74	72 · 08 71 · 83 71 · 74 71 · 83 71 · 74	72 · 91 72 · 74 72 · 66 72 · 49 72 · 24	69 · 91 69 · 91 69 · 83 69 · 74 69 · 74	69 · 74 69 · 66 69 · 66 69 · 58 69 · 49	68 · 49 68 · 66 68 · 58 68 · 66 68 · 49	$68 \cdot 24$	$67 \cdot 74$ $67 \cdot 66$ $67 \cdot 74$ $67 \cdot 74$ $67 \cdot 74$	68 · 08 68 · 08 68 · 08 68 · 08 68 · 08	68 · 58 68 · 74 68 · 74 68 · 83 68 · 83	67·91 67·91 67·83 67·83 67·74	68 · 49 68 · 99 69 · 41 69 · 58 69 · 49
11	72.66 71.49 71.33 71.49 71.83	72·16 72·74 72·99 73·16 73·16	71·91 71·83 71·74 71·74 71·58	69 · 58 69 · 66 69 · 58 69 · 58 69 · 58	$69 \cdot 41$ $69 \cdot 16$ $69 \cdot 16$ $69 \cdot 16$ $69 \cdot 08$	68 · 49 68 · 49 68 · 41 68 · 33 68 · 33	$68 \cdot 24$ $68 \cdot 24$ $68 \cdot 16$ $68 \cdot 24$ $68 \cdot 24$	67 · 74 67 · 74 67 · 74 67 · 66 67 · 58	68 · 33 68 · 24 68 · 16 67 · 99 67 · 99	68 · 83 68 · 83 69 · 24 69 · 16 68 · 66	67 · 74 67 · 74 67 · 83 67 · 66 67 · 66	69 · 24 69 · 08 68 · 83 68 · 83 68 · 83
16	71.91 71.83 72.08 72.08 72.08	73 · 33 73 · 16 73 · 41 73 · 83 73 · 66	71·33 71·24 71·08 70·91 70·91	69 · 49 69 · 41 69 · 41 69 · 41 69 · 49	69 · 08 69 · 24 69 · 08 68 · 99 68 · 83	68 · 33 68 · 49 68 · 49 68 · 41 68 · 41	68 · 24 68 · 08 68 · 08 68 · 08 67 · 99	67 · 66 67 · 58 67 · 58 67 · 83 67 · 74	68 · 08 67 · 99 67 · 99 67 · 99 68 · 08	68 · 41 68 · 41 67 · 91 67 · 83 67 · 83	67 · 58 67 · 83 67 · 83 67 · 83 67 · 83	68 · 74 68 · 66 68 · 66 68 · 66 68 · 74
21	71.99 71.99 71.99 71.99 71.99	73.58 73.83 74.16 73.91 73.91	70·91 70·91 70·83 70·74 70·66	69·41 69·41 69·41 69·41 69·41	68 · 99 68 · 91 68 · 83 68 · 91 68 · 83	$68 \cdot 41$	67·99 67·99 67·99 67·99 67·83	67.83 67.91 67.74 67.91 67.99	68 · 16 68 · 08 68 · 08 68 · 08 68 · 08	67 · 83 67 · 83 67 · 83 67 · 91 68 · 08	67 · 83 67 · 49 67 · 24 67 · 24 67 · 49	68 · 83 68 · 99 69 · 33 69 · 49 69 · 66
26	71.99 71.91 71.91 71.74 71.33	73·83 74·16 74·16 74·16 74·16 74·08	70·58 70·49 70·41 70·33 70·24	69·49 69·58 69·58 69·66 69·74 69·91	68 · 91 68 · 83 68 · 83 68 · 83 68 · 83 68 · 74	68·33 68·33 68·33 68·33 68·24	67·91 67·99 67·91 67·83 67·83	67·74 67·83 67·83 67·91 67·91	68 · 08 68 · 08 68 · 16 68 · 24 68 · 49 68 · 83	68 - 49	67·83 67·91 68·08	69·83 69·83 70·08 69·58 69·66 69·66

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1910-11.

ELEVATIO	ons ab	ove M	.S.L.,	of Ot	tawa	River	at Lov	ver St	e. Anr	ie, foi	r 1910	-11.
										Т	ABLE ?	vo. 586.
12 23 45	69 · 74 69 · 83 69 · 91 69 · 91 69 · 99	70·74 70·66 70·66 70·83 70·91	69 · 74 69 · 66 69 · 74 69 · 74 69 · 66	68 · 99 68 · 91 68 · 91 68 · 83 68 · 83	68 · 68 68 · 16 68 · 68 68 · 16 68 · 16	67 · 83 67 · 83 67 · 74 67 · 91 67 · 91	67 · 49 67 · 49 67 · 66 67 · 58 67 · 66	67 · 91 67 · 91 67 · 91 67 · 83 67 · 66	66-99 67-08 67-08 67-08 67-08	67 · 83 67 · 83 67 · 91 67 · 99 67 · 99	68 · 08 68 · 16 68 · 24 68 · 24 68 · 24	67.83 67.83 68.08 68.08 67.66
6	$69 \cdot 99$ $70 \cdot 08$ $70 \cdot 08$ $70 \cdot 16$ $70 \cdot 24$	70 · 83 70 · 66 70 · 74 70 · 66 70 · 58	69 · 74 69 · 91 69 · 99 70 · 08 69 · 99	68 · 66 68 · 66 68 · 66 68 · 66 68 · 66	$68 \cdot 16$ $68 \cdot 16$ $68 \cdot 16$ $68 \cdot 08$ $68 \cdot 24$	67-91 67-91 67-99 67-99 67-99	67 · 66 67 · 83 67 · 83 67 · 83 67 · 91	67 · 49 67 · 49 67 · 58 67 · 66 67 · 83	67 · 16 67 · 08 67 · 16 67 · 24 67 · 66	$68 \cdot 08$ $68 \cdot 24$ $68 \cdot 24$ $68 \cdot 33$ $68 \cdot 49$	68 · 24 68 · 24 68 · 24 68 · 33 68 · 58	$\begin{array}{c} 67 \cdot 33 \\ 67 \cdot 24 \\ 67 \cdot 24 \\ 67 \cdot 16 \\ 66 \cdot 99 \end{array}$
11. 12. 13. 14.	$70 \cdot 33$ $70 \cdot 33$ $70 \cdot 24$ $70 \cdot 16$ $70 \cdot 16$	70 · 66 70 · 49 70 · 33 70 · 24 70 · 08	69 · 99 69 · 91 69 · 91 69 · 99 69 · 99	68 · 58 68 · 58 68 · 41 68 · 49 68 · 41	68 · 16 68 · 16 68 · 08 67 · 99 68 · 08	67 · 99 68 · 08 67 · 99 67 · 99 67 · 74	67 · 83 67 · 91 67 · 83 67 · 91 67 · 83	67-74 67-91 67-91 67-91 67-91	67 · 83 67 · 91 67 · 99 68 · 33 68 · 58	$68 \cdot 58$ $68 \cdot 74$ $68 \cdot 83$ $68 \cdot 91$ $68 \cdot 74$	68 · 24 68 · 08 67 · 83 67 · 74	66-99 66-99 67-08 67-08
16	70·16 70·16 70·08 70·08 70·08	69 · 99 69 · 99 69 · 91 69 · 83 69 · 83	69 · 91 69 · 83 69 · 74 69 · 74 69 · 66	68 · 41 68 · 33 68 · 24 68 · 24 68 · 16	68·08 67·99 67·91 67·99 67·91	67 · 74 67 · 74 67 · 74 67 · 66 67 · 66	67 · 74 67 · 74 67 · 83 67 · 83 67 · 83	67 · 66 67 · 58 67 · 58 67 · 58 67 · 58	68 · 58 68 · 66 68 · 74 68 · 74 68 · 58	$68 \cdot 58$ $68 \cdot 41$ $68 \cdot 41$ $68 \cdot 49$ $68 \cdot 49$	67 · 83 67 · 91 67 · 91 68 · 08 67 · 99	66 · 99 66 · 91 66 · 99 66 · 99 67 · 16
21	70 · 49 70 · 41 70 · 33 70 · 33 70 · 24	$69 \cdot 83$ $69 \cdot 74$ $69 \cdot 74$ $69 \cdot 66$ $69 \cdot 74$	69 · 58 69 · 33 69 · 49 69 · 49 69 · 33	$68 \cdot 24$ $68 \cdot 24$ $68 \cdot 16$ $68 \cdot 24$ $68 \cdot 33$	67 · 91 67 · 99 67 · 99 67 · 83 67 · 99	67 · 58 67 · 41 67 · 58 67 · 33 67 · 33	67 · 74 67 · 66 67 · 58 67 · 66 67 · 74	67·58 67·58 67·66 67·58 67·66	68 · 58 68 · 49 68 · 41 68 · 66 68 · 82	68 · 49 67 · 99 68 · 08 68 · 41 68 · 16	68 · 16 68 · 24 68 · 41 68 · 58 68 · 33	$67 \cdot 16$ $67 \cdot 24$ $67 \cdot 33$ $67 \cdot 33$ $67 \cdot 49$
26	70 · 33 70 · 49 70 · 58 70 · 66 70 · 66	69 · 74 69 · 66 69 · 66 69 · 66 69 · 66 69 · 74	69 · 24 69 · 24 69 · 16 69 · 16 68 · 99	68·33 68·24 68·24 68·16 68·08 68·08	67 · 83 67 · 99 67 · 99 67 · 99 67 · 91 67 · 83	67 · 49 67 · 49 67 · 41 67 · 49 67 · 41	67 · 74 67 · 83 67 · 74 67 · 83 67 · 83 67 · 83	67 · 66 67 · 66 67 · 66 67 · 49 67 · 33	68 · 99 68 · 83 68 · 49 68 · 41 68 · 41 68 · 41		67.91 67.83 67.83	$67 \cdot 49$ $67 \cdot 58$ $67 \cdot 58$ $67 \cdot 83$ $67 \cdot 99$ $68 \cdot 16$

6 GEORGE V, A. 1916

Elevations above M.S.L., of Ottawa River at Lower Ste. Anne, for 1911–12.

TABLE No. 587.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	68 · 24 68 · 33 68 · 41 68 · 33 68 · 41	69·99 70·24 70·49 70·83 70·91	70·33 70·24 69·99 70·16 70·08	68 · 91 68 · 83 68 · 83 68 · 83 68 · 83	67 · 66 67 · 58 67 · 58 67 · 58 67 · 58	67-08 67-08 67-08 67-16 66-99	66·74 66·74 66·66 66·58 66·74	66 · 83 66 · 58 66 · 49 66 · 74 66 · 74	66-91 67-08 66-99 67-16 67-24	69·16 69·33 69·41 69·49 69·49	68·08 68·08 68·33 68·16 67·91	68·49 68·33 68·33 68·24 68·16
6	68 · 49 68 · 66 69 · 16 69 · 58 69 · 91	71.08 70.91 71.16 71.16 71.16	$69 \cdot 99$ $70 \cdot 08$ $69 \cdot 91$ $69 \cdot 91$ $69 \cdot 91$	68·74 68·66 68·41 68·41	67 · 58 67 · 58 67 · 58 67 · 49 67 · 49	67·16 67·16 67·08 66·91 66·83	66.91 66.58 66.74 66.83	66 · 74 66 · 74 66 · 83 67 · 08	$\begin{array}{c} 67 \cdot 24 \\ 67 \cdot 33 \\ 67 \cdot 33 \\ 67 \cdot 24 \\ 67 \cdot 33 \end{array}$	69·33 69·16 69·08 68·83 68·58	68 · 24 68 · 58 68 · 66 68 · 49 68 · 33	68·08 67·91 67·91 67·83
1	$70 \cdot 33$ $70 \cdot 66$ $71 \cdot 16$ $71 \cdot 16$ $71 \cdot 16$	$\begin{array}{c} 71 \cdot 41 \\ 71 \cdot 16 \\ 71 \cdot 16 \\ 71 \cdot 16 \\ 71 \cdot 99 \end{array}$	69 · 83 69 · 83 69 · 83 69 · 74 69 · 91	68 · 41 • 68 · 33 68 · 24 68 · 24 68 · 16	67.58 67.49 67.41 67.58 67.58	67·16 67·16 66·99 66·91 67·08	$66 \cdot 83$ $66 \cdot 74$ $66 \cdot 66$ $66 \cdot 66$	66.91 66.99 66.83 67.16 67.33	67.33 67.49 67.83 67.99 67.99	68·49 68·49 68·49 68·58 68·41	$68 \cdot 24$ $68 \cdot 08$ $68 \cdot 16$ $68 \cdot 33$ $68 \cdot 33$	67 · 74 67 · 83 67 · 74 67 · 66 68 · 08
6	71·16 71·24 71·33 71·24 71·24	70 · 99 70 · 83 70 · 66 70 · 58 70 · 49	69 · 83 69 · 83 69 · 74 69 · 74 69 · 74	67.99 67.91 68.08 68.08 67.91	67 · 66 67 · 58 67 · 49 67 · 49 67 · 41	66.99 67.08 66.99 66.91 66.91	66 · 83 66 · 83 66 · 91 66 · 83	66.99 66.91 66.99 66.99 67.24	67.99 67.99 67.99 68.08 68.08	68 · 24 68 · 33 68 · 33 68 · 33 68 · 41	$68 \cdot 24$ $68 \cdot 24$ $68 \cdot 16$ $67 \cdot 74$ $68 \cdot 24$	67 · 66 67 · 66 67 · 66 67 · 58
81 22 23 34 44	71.08 70.91 69.83 69.66 69.66	$70 \cdot 33$ $70 \cdot 24$ $70 \cdot 24$ $70 \cdot 24$ $70 \cdot 16$	69·58 69·49 69·41 69·33 69·16	67-91 67-91 67-99 67-99	$67 \cdot 33$ $67 \cdot 41$ $67 \cdot 41$ $67 \cdot 41$ $67 \cdot 33$	66.91 66.83 66.91 66.91 66.83	66.83 66.83 66.74 66.83 66.91	67·16 67·16 67·16 67·16 67·08	67-99 67-99 67-99 68-08 67-83	68 · 41 68 · 41 68 · 49 68 · 58 68 · 58	67 · 49 67 · 33 67 · 33 67 · 74 67 · 74	67 · 66 68 · 08 67 · 91 67 · 74
26. 27. 28. 29. 30.	69 · 66 69 · 66 70 · 58 69 · 66 69 · 83	70 · 33 70 · 49 70 · 41 70 · 49 70 · 49	68 · 99 69 · 08 69 · 08 68 · 99 68 · 99	67 · 99 67 · 91 67 · 91 67 · 74 67 · 66	67 · 33 67 · 24 67 · 33 67 · 33 67 · 24	66-91 66-91 66-83 66-83 66-74	66 · 91 66 · 91 66 · 74 66 · 83 66 · 83	67·16 66·99 67·16 66·99 67·16	67 · 74 67 · 74 67 · 99 68 · 24 68 · 33	68·49 68·08 67·90 68·08 68·08 68·08	67 · 74 67 · 91 67 · 99 68 · 16	

Elevations above M.S.L. of, Ottawa River at Lower Ste. Anne, for 1912–13.

										T.	ABLE N	o. 588.
1	67 · 83 67 · 83 67 · 83 67 · 83 67 · 99	70 · 99 70 · 99 70 · 83 70 · 74 70 · 66	73 · 49 73 · 33 73 · C8 72 · 91 72 · 49	70 · 08 70 · 08 70 · 24 69 · 91 69 · 83	68-91 68-83 68-83 68-66 68-74	68·49 68·49 68·41 68·41 68·49	69·08 68·83 68·83 68·83 68·83	69.08 68.99 68.83 68.91 68.99	69·16 68·99 69·08 69·49 69·58	68 · 99 68 · 95 68 · 87 68 · 99 69 · 03	70 · 41 70 · 16 70 · 33 70 · 33 70 · 28	69·57 69·53 69·24 69·33 69·41
6	68-68 69-08 -71-16 70-74 70-91	$70 \cdot 74 \\ 70 \cdot 74 \\ 70 \cdot 66 \\ 70 \cdot 66 \\ 70 \cdot 66$	$\begin{array}{c} 72 \cdot 49 \\ 72 \cdot 24 \\ 72 \cdot 24 \\ 72 \cdot 24 \\ 71 \cdot 91 \\ 71 \cdot 91 \end{array}$	$69 \cdot 74$ $69 \cdot 74$ $69 \cdot 66$ $69 \cdot 58$ $69 \cdot 58$	68 · 83 68 · 74 68 · 74 68 · 91 68 · 91	68 · 58 68 · 49 68 · 58 68 · 58 68 · 58	68·33 68·36 68·16 68·24 68·24	68 · 99 69 · 24 69 · 66 70 · 08 70 · 33	69.58 69.66 69.83 69.99 70.08	$69 \cdot 20$ $69 \cdot 49$ $69 \cdot 66$ $69 \cdot 70$ $70 \cdot 20$	70 · 24 70 · 11 69 · 87 69 · 70 69 · 78	$69 \cdot 37$ $69 \cdot 37$ $69 \cdot 41$ $69 \cdot 53$ $69 \cdot 45$
11	$\begin{array}{c} 70 \cdot 91 \\ 70 \cdot 99 \\ 71 \cdot 08 \\ 70 \cdot 91 \\ 70 \cdot 83 \end{array}$	70 · 74 70 · 74 70 · 83 70 · 74 70 · 91	71.66 71.66 71.58 71.41 71.41	$69 \cdot 58$ $69 \cdot 41$ $69 \cdot 41$ $69 \cdot 16$ $69 \cdot 16$	68-91 68-91 68-91 68-83 68-74	68 · 66 68 · 49 68 · 41 68 · 41 68 · 41	68.08 67.99 68.16 68.16 68.16	70 · 24 70 · 16 69 · 99 69 · 99 70 · 08	$70 \cdot 16$ $69 \cdot 99$ $69 \cdot 74$ $69 \cdot 99$ $69 \cdot 74$	70 · 58 70 · 58 70 · 41 70 · 53 70 · 87	69 · 83 70 · 12 70 · 03 69 · 95 69 · 87	$69 \cdot 24$ $69 \cdot 16$ $69 \cdot 16$ $69 \cdot 28$ $69 \cdot 66$
16. 17. 18. 19. 20.	71·08 71·16 71·41 71·49 71·16	70 · 91 70 · 99 71 · 24 71 · 24 71 · 58	$\begin{array}{c} 71 \cdot 49 \\ 71 \cdot 16 \\ 71 \cdot 24 \\ 71 \cdot 24 \\ 71 \cdot 08 \end{array}$	69 · 33 69 · 24 69 · 24 69 · 08 68 · 99	68 · 74 68 · 74 68 · 74 68 · 58 68 · 58	68 · 41 68 · 41 68 · 41 68 · 49 68 · 41	68 · 24 68 · 08 68 · 16 68 · 16 68 · 16	69 · 99 69 · 99 69 · 83 69 · 83 69 · 58	$\begin{array}{c} 69 \cdot 49 \\ 69 \cdot 28 \\ 69 \cdot 03 \\ 69 \cdot 24 \\ 69 \cdot 28 \end{array}$	$\begin{array}{c} 70 \cdot 95 \\ 70 \cdot 33 \\ 70 \cdot 20 \\ 70 \cdot 74 \\ 70 \cdot 99 \end{array}$	69 · 49 69 · 53 69 · 66 69 · 87 69 · 95	$70 \cdot 45$ $70 \cdot 70$ $70 \cdot 78$ $70 \cdot 53$ $70 \cdot 74$
21 22 23 24 25	$\begin{array}{c} 71 \cdot 08 \\ 71 \cdot 24 \\ 71 \cdot 24 \\ 71 \cdot 49 \\ 71 \cdot 49 \end{array}$	71 · 58 71 · 66 71 · 66 71 · 74 71 · 83	70 · 99 70 · 91 70 · 83 70 · 83 70 · 83	69-08 69-08 69-08 68-99 68-99	68 · 58 68 · 58 68 · 49 68 · 66 68 · 58	68 · 41 68 · 58 68 · 49 68 · 49 68 · 58	68 · 33 68 · 24 68 · 33 68 · 49 68 · 58	69 · 49 69 · 41 69 · 41 69 · 24 69 · 16	69·33 69·37 69·45 69·53 69·58	$\begin{array}{c} 70 \cdot 91 \\ 71 \cdot 08 \\ 71 \cdot 28 \\ 71 \cdot 12 \\ 71 \cdot 03 \end{array}$	$69 \cdot 74$ $69 \cdot 45$ $69 \cdot 16$ $69 \cdot 12$ $69 \cdot 28$	$\begin{array}{c} 70 \cdot 99 \\ 71 \cdot 66 \\ 72 \cdot 28 \\ 72 \cdot 45 \\ 72 \cdot 91 \end{array}$
26	71.66 71.83 71.49 71.58 71.24	72.08 71.91 72.16 72.33 72.83 73.33	70 · 66 70 · 58 70 · 49 70 · 33 70 · 24	68.91 68.91 68.91 68.99 69.08 68.91	68 · 83 68 · 66 68 · 41 68 · 58 68 · 41 68 · 41	68 · 58 68 · 49 68 · 49 68 · 83 68 · 83	68 · 74 68 · 83 68 · 99 68 · 99 68 · 99 68 · 99	69·33 69·16 69·24 69·16 68·91	$69 \cdot 45$ $69 \cdot 28$ $69 \cdot 03$ $68 \cdot 99$ $68 \cdot 99$ $69 \cdot 08$	70.95	69-57 69-61 69-66	73 · 16 72 · 99 72 · 78 72 · 83 72 · 57 72 · 61

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L., of Ottawa River at Lower Ste. Anne, for 1913-14.

TABLE No. 589.

							_					
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	72.91 73.16 73.03 72.78 72.95	71.74 71.87 72.12 72.20 72.37	71.08 71.08 70.95 70.87 70.74	69-66 69-66 69-66 69-54 69-49	69 · C8 69 · O8 68 · 99 68 · 95	68 · 66 68 · 62 68 · 58 68 · 53 68 · 44	68·16 68·16 68·24 68·24 68·16	68 · 58 68 · 83 68 · 83 68 · 79 68 · 70	69.03 69.08 69.08 69.08 69.08	68 · 49 68 · 53 68 · 66 69 · 16 69 · 78	68 · 99 69 · 12 69 · 45 69 · 41 68 · 99	68 · 12 68 · 03 68 · 03 67 · 87 67 · 83
6	73 · 28 73 · 12 72 · 83 72 · 53 72 · 24	$\begin{array}{c} 72 \cdot 41 \\ 72 \cdot 49 \\ 72 \cdot 53 \\ 72 \cdot 41 \\ 72 \cdot 24 \end{array}$	70 · 66 70 · 66 70 · 58 70 · 49 70 · 37	69.45 69.41 69.41 69.41 69.45	68 · 91 68 · 91 68 · 83 68 · 83 68 · 87	68 · 33 68 · 33 68 · 33 68 · 33	$68 \cdot 16$ $68 \cdot 16$ $68 \cdot 16$ $68 \cdot 12$ $68 \cdot 08$	68 · 66 68 · 53 68 · 41 68 · 53 68 · 66	69.08 69.03 69.08 69.08	70 · 07 70 · 03 69 · 62 69 · 41 69 · 37	68 · 91 68 · 91 68 · 99 69 · 08 69 · 16	67 · 87 67 · 66 67 · 66 67 · 33 67 · 37
11 12 13 14 15	72·16 72·12 72·03 71·95 71·83	72·16 72·08 71·95 71·91 71·83	70 · 37 70 · 49 70 · 41 70 · 41 70 · 41	69·37 69·33 69·28 69·24 69·33	68 · 83 68 · 83 68 · 83 68 · 74 68 · 74	$68 \cdot 24$ $68 \cdot 20$ $68 \cdot 16$ $68 \cdot 16$ $68 \cdot 24$	68 · 03 67 · 99 68 · 03 68 · 08 68 · 08	68.78 68.91 68.91 68.91 68.87	69 · 03 68 · 95 68 · 91 68 · 83 68 · 74	69·12 69·28 69·33 69·28 69·62	69·16 68·66 68·37 68·70 68·87	67 · 66 67 · 66 67 · 74 67 · 74 67 · 70
16	71.78 71.74 71.74 71.74 71.74	71.58 71.45 71.49 71.37 71.33	$70 \cdot 33$ $70 \cdot 33$ $70 \cdot 24$ $70 \cdot 16$ $70 \cdot 12$	69 · 41 69 · 33 69 · 33 69 · 33 69 · 33	68 · 70 68 · 70 68 · 66 68 · 66 68 · 58	$68 \cdot 24$ $68 \cdot 28$ $68 \cdot 28$ $68 \cdot 20$ $68 \cdot 16$	67 · 99 67 · 91 67 · 91 67 · 83 67 · 95	68 · 74 68 · 70 68 · 78 68 · 95 69 · 08	68.78 68.91 68.99 68.91 68.66	69.78 69.87 70.08 69.95 70.08	68 · 99 69 · 28 69 · 62 69 · 53 69 · 45	67-66 67-62 67-87 68-08 68-12
21 22 23 24 25	71 · 74 71 · 74 71 · 74 71 · 66 71 · 66	$\begin{array}{c} 71 \cdot 29 \\ 71 \cdot 24 \\ 71 \cdot 12 \\ 71 \cdot 04 \\ 70 \cdot 95 \end{array}$	70.08 69.99 69.99 69.95 69.91	69 · 33 69 · 28 69 · 24 69 · 24 69 · 24	68 · 49 68 · 49 68 · 53 68 · 66 68 · 66	68 · 16 68 · 24 68 · 33 68 · 29 68 · 24	68 · 03 68 · 28 68 · 41 68 · 53 68 · 74	$69 \cdot 16$ $69 \cdot 16$ $69 \cdot 20$ $69 \cdot 24$ $69 \cdot 20$	68 · 83 68 · 70 68 · 62 68 · 45 68 · 49	69 · 99 69 · 70 69 · 95 70 · 12 69 · 74	69·37 69·28 69·24 69·20 69·03	68 · 24 68 · 49 68 · 41 68 · 20 68 · 08
26. 27. 28. 29. 30. 31.	71 · 66 71 · 66 71 · 66 71 · 66 71 · 66	70·99 70·99 71·03 71·12 71·16 71·16	69 · 91 69 · 83 69 · 78 69 · 70 69 · 66	$\begin{array}{c} 69 \cdot 20 \\ 69 \cdot 16 \\ 69 \cdot 11 \end{array}$	68-66 68-66 68-66 68-66 68-66	68 · 24 68 · 24 68 · 20 68 · 24 68 · 20	68·70 68·66 68·78 68·87 68·91 68·83	69·16 69·08 68·91 68·99	68·37 68·24 68·37 68·49 68·49	69·37 69·37 69·49 69·57 69·11 69·07	68·91 68·70 68·33	68 · 03 68 · 66 69 · 49 69 · 74 69 · 83 69 · 91

ELEVATIONS above M.S.L., of Ottawa River at Lower Ste. Anne, for 1914-15.

				т	CABLE No. 590.
2	9·99 70·45 69 0·08 70·49 69 0·12 70·49 69	0·41 68·99 68·0 0·37 69·03 68·1 0·33 68·99 68·2 0·28 69·08 68·1 0·20 68·99 68·0	16 67·95 67·49 20 67·99 67·41 12 67·99 67·41	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	0 68·28 68·37 3 68·12 68·20 2 67·91 68·24
7 69 8 69 9 69	9·83 70·45 69 9·53 70·41 69 9·41 70·41 69	0-08 68-99 68-0 0-08 68-95 68-0 0-16 68-91 68-0 0-20 68-91 68-0 0-16 68-91 68-0	08 68·08 67·33 08 68·08 67·28 08 68·03 67·33	$\begin{array}{ccccccc} 67 \cdot 45 & 67 \cdot 20 & 68 \cdot 5 \\ 67 \cdot 41 & 67 \cdot 16 & 68 \cdot 3 \\ 67 \cdot 41 & 67 \cdot 08 & 67 \cdot 9 \\ 67 \cdot 37 & 67 \cdot 08 & 67 \cdot 9 \\ 67 \cdot 33 & 67 \cdot 12 & 68 \cdot 2 \\ \end{array}$	7 67·41 67·70 1 67·12 67·62 5 67·12 67·62
12 69 13 69 14 69	9·66 70·41 69 9·78 70·37 69 9·62 70·33 68	9·16 68·91 68·0 9·12 68·74 68·0 9·08 68·70 67·9 9·99 68·66 67·8 9·99 68·66 67·9	3 67·83 67·41 91 67·74 67·45 97 67·74 67·37	67·33 67·16 68·5 67·28 67·24 68·4 67·24 67·37 68·2 67·08 67·33 68·4 67·24 67·28 68·7	1 67·91 67·70 0 67·78 67·70 5 67·58 67·66
17	9·20 70·33 68 9·37 70·20 68 9·58 70·16 68	8-99 68-62 67-9 8-95 68-58 68-6 8-91 68-58 68-0 8-87 68-58 67-9 8-83 68-49 67-9	8 67·70 67·33 3 67·66 67·37 5 67·62 67·41	67·28 67·74 68·5 67·45 68·08 68·1 67·53 68·33 67·7 67·62 68·41 67·5 67·49 68·83 67·5	2 67·37 67·58 0 67·58 67·49 3 67·58 67·49
22	0.03 69.95 68 0.08 69.83 68 9.99 69.74 68	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	9 67-66 67-45 5 67-66 67-37 1 67-66 67-33	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	5 67·28 67·53 6 67·33 67·62 0 67·37 67·70
27	0.08 69.58 69 0.28 69.58 69 0.33 69.62 69 0.28 69.49 68	0-08 68-41 67-9 1-08 68-37 67-8 1-95 68-33 67-7 1-95 68-28 67-6 1-99 68-24 67-8 68-12 67-9	7 67·58 67·33 4 67·58 67·33 6 67·58 67·33 7 67·53 67·33	67·41 67·91 68·4 67·41 68·03 68·6 67·41 68·41 68·7 67·38 68·33 68·7 67·28 68·74 68·3 68·24 68·3	2 67-99 68-78 4 67-99 68-62 0 68-37 7 68-28

6 GEORGE V, A. 1916

Elevations above M.S.L., of St. Lawrence River at Coteau Landing, for 1903. TABLE No. 591.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Marc
											$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 2 \end{array}$	152 152 152 152 152
											$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \end{array}$	155 155 155 155 155
											$\begin{array}{c} 152 \cdot 1 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 1 \\ 152 \cdot 0 \end{array}$	°15 15 15 15 15
											$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 1 \end{array}$	15 15 15 15
											$\begin{array}{c} 152 \cdot 1 \\ 152 \cdot 1 \end{array}$	15 15 15 15 15
											152·1 152·2 152·2	15: 15: 15: 15: 15: 15:

Elevations above M.S.L., of St. Lawrence River at Coteau Landing, for 1903-04.

TABLE No. 592. 152 · 3 152 · 3 152 · 4 152 · 4 152 · 3 $152 \cdot 0$ $152 \cdot 0$ $152 \cdot 0$ $152 \cdot 0$ 151·7 151·7 151·7 151·7 152 · 4 152 · 3 $152 \cdot 0$ 152 - 2 151-2 $152 \cdot 0$ 152·0 152·0 152·0 152·0 151·7 152 · 0 152 · 1 152 · 2 152 · 2 152 · 2 152 · 2 152 · 2 152 · 2 152 · 2 152 · 2 152 · 0 152 · 0 152 · 1 152 · 1 152 · 2 152 · 2 152 · 2 152 · 2 152 · 2 152 · 2 152 · 2 152 · 2 152 · 1 152 · 2 $\begin{array}{c} 151 \cdot 7 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \end{array}$ $\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \end{array}$ $152 \cdot 4$ $152 \cdot 3$ $152 \cdot 4$ 152·3 152·3 152·2 $151 \cdot 6$ $151 \cdot 6$ $151 \cdot 7$ 151 · 4 151 · 4 151 · 4 $152 \cdot 0$ 152-2 152 · 2 152 · 2 150 - 7 152 - 2 150 - 7 152 - 4 152 - 2 152.2 $152 \cdot 0$ 150 - 7 151·7 151·7 151·7 151·7 152 · 1 152 · 2 152 · 1 $152 \cdot 0$ 152 · 2 152 · 1 152 · 1 152 · 0 152 - 2 152 - 1 $152 \cdot 0$ $152 \cdot 0$ $152 \cdot 0$ 151·7 151·6 150·7 151·2 152 - 1 151-3 151 · 7 151 · 7 152 · 0 151 · 7 151 · 7 $152 \cdot 1$ $152 \cdot 2$ $152 \cdot 2$ $152 \cdot 2$ $152 \cdot 3$ $152 \cdot 0$ 151·7 151·7 152·3 152·3 152·5 151 - 6 152 · 0 152 · 0 152 · 0

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L., of St. Lawrence River at Coteau Landing, for 1904-05.

Table No. 593

												01 0001
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	152 · 5 152 · 5 152 · 4 152 · 5 152 · 4	$\begin{array}{c} 152 \cdot 7 \\ 152 \cdot 7 \\ 152 \cdot 7 \\ 152 \cdot 6 \\ 152 \cdot 6 \end{array}$	152 · 6 152 · 6 152 · 6 152 · 7 152 · 7	$\begin{array}{c} 152 \cdot 6 \\ 152 \cdot 6 \end{array}$	$\begin{array}{c} 152 \cdot 5 \\ 152 \cdot 6 \\ 152 \cdot 6 \\ 152 \cdot 5 \\ 152 \cdot 5 \end{array}$	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	152 · 4 152 · 4 152 · 3 152 · 3 152 · 2	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 1 \\ 152 \cdot 2 \\ 152 \cdot 1 \end{array}$	151 · 6 151 · 5 151 · 5 151 · 5 151 · 6	151·7 151·7 152·0 152·0 151·7	151 · 5 151 · 6 151 · 6 151 · 6 151 · 5	151·7 151·7 151·6 151·5 151·5
6	$152 \cdot 4$ $152 \cdot 3$ $152 \cdot 4$ $152 \cdot 6$ $152 \cdot 6$	$\begin{array}{c} 152 \cdot 6 \\ 152 \cdot 5 \\ 152 \cdot 7 \\ 152 \cdot 6 \\ 152 \cdot 5 \end{array}$	152 · 7 152 · 7 152 · 7 152 · 7 152 · 7 152 · 7	$\begin{array}{c} 152 \cdot 6 \\ 152 \cdot 6 \end{array}$	$152 \cdot 5$ $152 \cdot 5$ $152 \cdot 4$ $152 \cdot 4$ $152 \cdot 4$	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \end{array}$	152 · 2 152 · 2 152 · 3 152 · 2 152 · 4	$\begin{array}{c} 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \end{array}$	151 · 6 151 · 5 151 · 4 151 · 4 151 · 4	151 · 7 151 · 7 151 · 7 151 · 7 151 · 7	151·6 151·7 151·7 151·7 151·7 152·0	151·5 151·4 151·5 151·4 151·3
11	$\begin{array}{c} 152 \cdot 6 \\ 152 \cdot 6 \\ 152 \cdot 7 \\ 152 \cdot 6 \\ 152 \cdot 7 \end{array}$	$\begin{array}{c} 152 \cdot 5 \\ 152 \cdot 7 \\ 152 \cdot 6 \\ 152 \cdot 6 \\ 152 \cdot 5 \end{array}$	$\begin{array}{c} 152 \cdot 7 \\ 152 \cdot 7 \end{array}$	$\begin{array}{c} 152 \cdot 6 \\ 152 \cdot 6 \\ 152 \cdot 6 \\ 152 \cdot 6 \\ 152 \cdot 5 \end{array}$	$\begin{array}{c} 152 \cdot 3 \\ 152 \cdot 3 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	152·4 152·4 152·4 152·4 152·3	$152 \cdot 3$ $152 \cdot 2$ $152 \cdot 0$ $152 \cdot 0$ $152 \cdot 1$	$152 \cdot 7$	151 · 4 151 · 4 151 · 5 151 · 5 151 · 5	151·7 151·7 151·7 151·7 151·7	$\begin{array}{c} 152 \cdot 0 \\ 151 \cdot 7 \\ 151 \cdot 7 \\ 152 \cdot 0 \\ 152 \cdot 0 \end{array}$	151 · 4 151 · 4 151 · 3 151 · 3 151 · 4
16	$\begin{array}{c} 152 \cdot 7 \\ 153 \cdot 0 \\ 152 \cdot 7 \\ 152 \cdot 7 \\ 152 \cdot 7 \end{array}$	$152 \cdot 4$ $152 \cdot 4$ $152 \cdot 5$ $152 \cdot 5$ $152 \cdot 6$	$152 \cdot 7$	$\begin{array}{c} 152 \cdot 5 \\ 152 \cdot 5 \\ 152 \cdot 6 \\ 152 \cdot 6 \\ 152 \cdot 6 \\ 152 \cdot 6 \end{array}$	$\begin{array}{c} 152 \cdot 3 \\ 152 \cdot 3 \end{array}$	152·3 152·3 152·3 152·4 152·4	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	$152 \cdot 7$ $152 \cdot 7$ $152 \cdot 7$ $152 \cdot 6$ $152 \cdot 6$	151·5 151·6 151·6 151·5 151·5	151 · 6 151 · 6 151 · 6 151 · 7 151 · 6	$\begin{array}{c} 152 \cdot 0 \\ 151 \cdot 7 \\ 151 \cdot 7 \\ 151 \cdot 7 \\ 151 \cdot 7 \\ 152 \cdot 0 \end{array}$	151·3 151·2 151·2 151·3 151·2
21	152·6 152·6 152·6 152·5 152·7	$\begin{array}{c} 152 \cdot 6 \\ 152 \cdot 7 \end{array}$	152 · 7 152 · 7 152 · 7 152 · 7 152 · 7 152 · 7	$\begin{array}{c} 152 \cdot 5 \\ 152 \cdot 5 \\ 152 \cdot 6 \\ 152 \cdot 5 \\ 152 \cdot 4 \end{array}$	$\begin{array}{c} 152 \cdot 3 \\ 152 \cdot 3 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 3 \end{array}$	152·3 152·3 152·2 152·1 152·4	$\begin{array}{c} 152 \cdot 3 \\ 152 \cdot 3 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	152 · 7 152 · 7 152 · 7 152 · 7 152 · 7	151·5 151·4 151·4 151·5 151·5	151 · 6 151 · 6 151 · 6 151 · 7 151 · 7	152 · 0 151 · 7 151 · 7 151 · 7 151 · 7	151·3 151·2 151·2 151·2 151·2
26	152·7 152·7 152·7 152·7 152·7	$\begin{array}{c} 152 \cdot 7 \\ 152 \cdot 7 \end{array}$	152·7 152·7 152·6 152·6 152·6	$\begin{array}{c} 152 \cdot 3 \\ 152 \cdot 2 \\ 152 \cdot 1 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	$\begin{array}{c} 152 \cdot 3 \\ 152 \cdot 3 \\ 152 \cdot 3 \\ 152 \cdot 6 \\ 152 \cdot 3 \\ 152 \cdot 2 \end{array}$	152·4 152·3 152·3 152·3 152·3	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 3 \\ 152 \cdot 3 \\ 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	152·6 152·6 152·6 152·6 152·6	151·5 151·6 151·6 151·6 151·7 151·7	151 - 5	151·7 151·7 151·7	151·3 151·3 151·7 151·7 152·2 152·2

ELEVATIONS above M.S.L., of St. Lawrence River at Coteau Landing, for 1905-06.

Table No. 594

									TA	BLE Zo	. 594.
1	152 · 7 151 152 · 6 151 152 · 5 151 152 · 3 151 152 · 2 151	·7 152·0 ·7 151·7 ·7 152·0	152·3 152·5 152·7 152·5 152·5	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	$\begin{array}{c} 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	152 · 1 152 · 1 152 · 1 152 · 1 152 · 1 152 · 1	$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 0 \\ 151 \cdot 7 \\ 152 \cdot 0 \\ 152 \cdot 0 \end{array}$	152·0 151·7 151·6 151·6 151·6	152 · 1 152 · 0 151 · 7 152 · 0 152 · 0	152 · 0 152 · 0 151 · 7 151 · 7 152 · 0	152 · 1 152 · 1 152 · 1 152 · 1 152 · 0
6. 7. 8. 9.	$\begin{array}{cccc} 152 \cdot 2 & 151 \\ 152 \cdot 3 & 151 \\ 152 \cdot 4 & 152 \\ 152 \cdot 2 & 152 \\ 152 \cdot 2 & 152 \end{array}$	·7 151·7 ·0 151·7 ·0 151·7	$\begin{array}{c} 152 \cdot 4 \\ 152 \cdot 2 \end{array}$	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	$\begin{array}{c} 152 \cdot 1 \\ 152 \cdot 0 \end{array}$	$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 0 \end{array}$	151·7 151·5 151·5 151·5 151·7	$\begin{array}{c} 152 \cdot 1 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 151 \cdot 7 \\ 151 \cdot 7 \end{array}$	$151 \cdot 7$ $151 \cdot 7$ $152 \cdot 0$ $152 \cdot 1$ $152 \cdot 2$	$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 1 \end{array}$
11 12 13 14 15	$\begin{array}{cccc} 152 \cdot 3 & 152 \\ 152 \cdot 3 & 152 \\ 152 \cdot 3 & 151 \\ 152 \cdot 2 & 151 \\ 152 \cdot 2 & 152 \\ \end{array}$	·6 152·1 ·7 152·1 ·7 152·2	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 3 \end{array}$	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	$\begin{array}{c} 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 1 \\ 152 \cdot 0 \end{array}$	$\begin{array}{c} 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 1 \end{array}$	151·5 151·5 151·5 151·5 151·4	$152 \cdot 2$ $152 \cdot 4$ $152 \cdot 5$ $152 \cdot 5$ $152 \cdot 5$	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 1 \\ 152 \cdot 0 \end{array}$	$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \end{array}$
16	$\begin{array}{ccc} 152 \cdot 2 & 152 \\ 152 \cdot 2 & 152 \end{array}$	·0 152·2 ·0 152·2 ·0 152·2	$152 \cdot 3$ $152 \cdot 2$ $152 \cdot 3$ $152 \cdot 3$ $152 \cdot 2$	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	152 · 2 152 · 2 152 · 3 152 · 2 152 · 2	$152 \cdot 0$ $152 \cdot 1$ $152 \cdot 0$ $152 \cdot 0$ $152 \cdot 0$ $152 \cdot 1$	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 0 \\ 151 \cdot 7 \\ 151 \cdot 7 \\ 151 \cdot 7 \end{array}$	151 · 4 151 · 5 151 · 5 151 · 5 151 · 6	$152 \cdot 4$ $152 \cdot 4$ $152 \cdot 3$ $152 \cdot 4$ $152 \cdot 4$	$\begin{array}{c} 151 \cdot 7 \\ 152 \cdot 0 \end{array}$	$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \end{array}$
21 22 23 24 25	$\begin{array}{cccc} 152 \cdot 1 & 151 \\ 152 \cdot 1 & 151 \\ 152 \cdot 0 & 152 \\ 152 \cdot 0 & 152 \\ 151 \cdot 7 & 151 \end{array}$	·7 152·0 ·0 152·0 ·0 152·0	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 3 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \end{array}$	$\begin{array}{c} 151 \cdot 7 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 1 \end{array}$	151·5 151·7 151·7 151·6 151·7	152 · 3 152 · 3 152 · 3 152 · 7 152 · 6	$\begin{array}{c} 152 \cdot 1 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 151 \cdot 7 \end{array}$	$\begin{array}{c} 152 \cdot 1 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 1 \\ 152 \cdot 0 \end{array}$
26	152·0 151 151·7 151 152·0 151 151·7 152 151·7 152 151·7 152	·7 152·2 ·7 152·2 ·C 152·3 ·0 152·3	152·3 152·3 152·3 152·3 152·2 152·2	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 1 \end{array}.$	152·2 152·2 152·2 152·2 152·2 152·2	$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 0 \\ 151 \cdot 7 \\ 152 \cdot 0 \end{array}$	151·7 151·7 151·4 152·0 152·0	$\begin{array}{c} 151 \cdot 7 \\ 151 \cdot 7 \\ 151 \cdot 5 \\ 152 \cdot 0 \\ 152 \cdot 1 \\ 152 \cdot 0 \end{array}$	$\begin{array}{c} 152 \cdot 3 \\ 152 \cdot 3 \\ 152 \cdot 3 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 1 \\ 152 \cdot 0 \end{array}.$		151·7 151·7 152·1 152·2 152·2 152·2

6 GEORGE V, A. 1916 ELEVATIONS above M.S.L., of St. Lawrence River at Coteau Landing, for 1906–07.

										Т.	ABLE N	o. 595.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	$\begin{array}{c} 152 \cdot 1 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \end{array}$	151.7 151.7 151.7 151.7 151.7	151·7 151·7 151·7 151·7 151·7	151·7 151·7 151·7 151·7 151·7	151·7 151·7 151·7 151·7 151·7	151 · 5 151 · 4 151 · 4 151 · 5 151 · 5	151 · 2 151 · 2 151 · 2 151 · 2 151 · 2 151 · 2	151 · 2 151 · 2 151 · 3 151 · 2 151 · 2	151 · 2 151 · 2 151 · 1 151 · 3 151 · 2	151 · 4 151 · 3 151 · 6 151 · 6 151 · 7	151 · 4 151 · 3 151 · 6 151 · 6 151 · 7	151·3 151·5 151·4 151·4 151·4
6	$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 151 \cdot 7 \\ 151 \cdot 7 \end{array}$	151·7 151·7 151·7 151·7 151·7	$151 \cdot 7$ $152 \cdot 0$	151 · 7 151 · 7 151 · 7 151 · 7 151 · 7	151·7 151·7 151·7 151·7 151·7	151 · 5 151 · 4 151 · 4 151 · 5 151 · 5	151 · 2 151 · 2 151 · 2 151 · 4 151 · 4	151 · 2 151 · 2 151 · 2 151 · 2 151 · 2 151 · 1	151·3 151·2 151·2 151·2 151·3	151·7 151·7 151·7 151·7 151·7	151 · 7 151 · 7 151 · 7 151 · 7 151 · 7	151 · 3 151 · 4 151 · 4 151 · 3 151 · 4
11	$151 \cdot 7$ $152 \cdot 0$ $152 \cdot 1$ $152 \cdot 1$ $152 \cdot 2$	151 · 7 151 · 7 151 · 7 151 · 7 151 · 7	$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 151 \cdot 7 \\ 151 \cdot 7 \end{array}$	151 · 7 151 · 7 151 · 7 151 · 7 151 · 7	151·7 151·7 151·7 151·7 151·7	151 · 5 151 · 5 151 · 5 151 · 6 151 · 5	151·3 151·3 151·2 151·2 151·2	$\begin{array}{c} 151 \cdot 0 \\ 151 \cdot 2 \\ 151 \cdot 2 \\ 151 \cdot 0 \\ 151 \cdot 0 \end{array}$	151 · 2 151 · 2 151 · 3 151 · 4 151 · 4	151 · 7 151 · 7 151 · 7 151 · 7 151 · 7	151·7 151·7 151·7 151·7 151·7	151 · 4 151 · 4 151 · 5 151 · 5 151 · 5
16	152·3 152·3 152·3 151·7 151·7	151·7 152·0 151·7 151·7 151·7	151 · 7 151 · 7 151 · 7 151 · 7 151 · 7	151·7 151·7 151·7 151·7 151·7	151 · 7 151 · 6 151 · 7 151 · 6 151 · 6	151·5 151·5 151·4 151·3 151·2	151 · 2 151 · 2 151 · 2 151 · 2 151 · 2	151 · 1 151 · 1 151 · 1 151 · 2 151 · 2	151·3 151·3 151·3 151·3 151·2	151 · 7 151 · 5 151 · 2 151 · 2 151 · 5	151·7 151·3 151·3 151·4 151·6	151·5 154·6 151·6 151·5 151·5
21 22 23 24 25	151·7 151·7 151·7 151·7 151·7	151·7 151·7 151·7 151·7 151·7	151 · 7 151 · 7 151 · 7 151 · 7 151 · 7	151 · 7 151 · 7 151 · 7 151 · 7 151 · 7	151 · 7 151 · 7 151 · 7 151 · 6 151 · 4	$\begin{array}{c} 151 \cdot 2 \\ 151 \cdot 2 \end{array}$	151·2 151·2 151·2 151·2 151·5	151 · 2 151 · 5 151 · 4 151 · 2 151 · 2	151·2 151·2 151·2 151·2 151·3	151·7 151·5 151·6 151·6 151·4	151 · 6 151 · 5 151 · 5 151 · 4 151 · 4	151 · 5 151 · 4 151 · 6 151 · 5 151 · 5
26	151·7 151·7 151·7 151·7 151·7	151 · 7 151 · 7 151 · 7 151 · 5 151 · 6 151 · 7	151·7 151·7 151·7 151·7 151·7	151·7 151·7 151·7 151·7 151·7 151·7	151 · 3 151 · 4 151 · 3 151 · 4 151 · 6 15 · 15	151·2 151·2 151·2 151·2 151·3	151·4 151·4 151·4 151·5 151·4 151·2	151·2 151·3 151·3 151·3 151·3	151·3 151·3 151·4 151·4 151·4 151·3		151 · 5 151 · 4 151 · 3	151.6 151.7 152.2 152.4 152.7 153.0

ELEVATIONS above M.S.L., of St. Lawrence River at Coteau Landing, for 1907-08.

										T	ABLE N	o. 596.
1 2 3 4 5	153 · 1 152 · 7 152 · 7 152 · 5 152 · 4	152·5 152·6 152·5 152·3 152·5	152 · 1 152 · 2 152 · 3 152 · 2 152 · 1	152 · 2 152 · 2 152 · 2 152 · 2 152 · 2 152 · 2	152 · 1 152 · 2 152 · 1 152 · 1 152 · 1 152 · 0	151 · 7 151 · 7 151 · 7 151 · 7 151 · 7	151 · 4 151 · 4 151 · 4 151 · 6 151 · 6	151·7 151·7 151·7 151·7 151·7	151·5 151·5 151·7 151·7 151·5	152·3 152·3 152·2 152·2 152·2	151·4 151·6 151·7 151·3 151·4	151 · 6 151 · 7 151 · 6 151 · 6 151 · 6
6	152 · 3 152 · 3 152 · 3 152 · 3 152 · 2	$152 \cdot 6$ $152 \cdot 6$ $152 \cdot 4$ $152 \cdot 3$ $152 \cdot 3$	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 3 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 1 \end{array}$	$\begin{array}{c} 152 \cdot 1 \\ 152 \cdot 0 \end{array}$	$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \end{array}$	151 · 7 151 · 7 151 · 7 151 · 6 151 · 6	151·7 151·7 151·7 151·7 151·7	151·7 151·7 151·6 151·6 151·7	151·6 151·6 151·7 151·7 151·7	$\begin{array}{c} 152 \cdot 3 \\ 152 \cdot 4 \\ 152 \cdot 4 \\ 152 \cdot 2 \\ 152 \cdot 4 \end{array}$	151 · 4 151 · 4 151 · 4 151 · 4 151 · 3	151 · 6 151 · 6 151 · 7 151 · 7 151 · 7
11	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 3 \\ 152 \cdot 2 \end{array}$	$\begin{array}{c} 152 \cdot 3 \\ 152 \cdot 2 \end{array}$	$\begin{array}{c} 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	$\begin{array}{c} 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 0 \\ 152 \cdot 1 \\ 152 \cdot 1 \end{array}$	$\begin{array}{c} 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 2 \\ 152 \cdot 1 \\ 152 \cdot 2 \end{array}$	151 · 6 151 · 7 151 · 7 151 · 7 151 · 7	151·7 151·7 151·7 151·7 151·7	151·7 151·7 151·7 151·7 151·7	$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 151 \cdot 7 \\ 151 \cdot 6 \end{array}$	153 · 3 153 · 2 154 · 7 152 · 7 152 · 7	151 · 4 151 · 4 151 · 4 151 · 5 151 · 5	$152 \cdot 1$ $152 \cdot 0$ $152 \cdot 1$ $152 \cdot 1$ $152 \cdot 1$ $132 \cdot 4$
16	152 · 3 152 · 3 152 · 4 152 · 4 152 · 4	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \end{array}$	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 1 \end{array}$	$\begin{array}{c} 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 0 \\ 152 \cdot 0 \end{array}$	$\begin{array}{c} 152 \cdot 1 \\ 152 \cdot 2 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \end{array}$	151·7 151·7 151·7 151·6 151·7	151 · 7 151 · 7 151 · 7 151 · 7 151 · 7	151·7 151·7 151·7 151·6 151·6	151·5 151·6 151·6 151·5 151·7	153 · 3 153 · 2 153 · 0 152 · 7 152 · 3	151 · 6 151 · 5 151 · 5 151 · 5 151 · 5	152·4 152·4 152·4 152·4 152·4 152·3
21	$\begin{array}{c} 152 \cdot 4 \\ 152 \cdot 3 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 1 \end{array}$	$\begin{array}{c} 152 \cdot 1 \\ 152 \cdot 0 \end{array}$	$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 0 \\ 151 \cdot 7 \\ 151 \cdot 7 \\ 152 \cdot 0 \end{array}$	$152 \cdot 1$ $152 \cdot 1$ $152 \cdot 1$ $152 \cdot 2$ $152 \cdot 2$	151·7 151·7 151·7 151·7 151·7	151 · 7 151 · 7 151 · 7 151 · 7 151 · 7	151 · 6 151 · 5 151 · 5 151 · 5 151 · 6	151 · 6 151 · 6 151 · 5 151 · 6 151 · 6	152 · 2 151 · 3 152 · 0 151 · 7 151 · 3	151·7 151·7 151·7 151·7 151·6	152 · 4 152 · 3 152 · 3 152 · 3 152 · 3 152 · 5
26 27 28 29 30 31	152·6 152·1 152·0 152·0 152·0	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 4 \\ 152 \cdot 5 \\ 152 \cdot 3 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ \end{array}$	152 · 0 152 · 2 152 · 2 152 · 1 152 · 1	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 0 \\ 151 \cdot 7 \end{array}$	151·7 151·6 151·6 151·2 151·3	151·7 151·7 151·7 151·7 151·6 151·6	151 · 6 151 · 4 151 · 4 151 · 4	151 · 7 151 · 6 151 · 2 151 · 3 151 · 2 151 · 3	151 · 3 151 · 5 151 · 4 151 · 2 151 · 4 151 · 4	151 · 6 151 · 6 151 · 6 151 · 6	152 · 4 152 · 5 152 · 3 153 · 0 153 · 2 153 · 0

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L., of St. Lawrence River at Coteau Landing, for 1908-09.

TABLE No

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Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	153·1 153·4 153·6 153·6 153·2	153·7 153·5 153·6 153·7 153·6	153 · 7 153 · 7 153 · 7 153 · 6 153 · 7	153 · 3 153 · 2 153 · 2 153 · 2 153 · 2	152 · 7 152 · 7 152 · 7 152 · 7 152 · 7 152 · 7	152 · 5 152 · 5 152 · 5 152 · 5 152 · 5	152 · 1 152 · 1 152 · 1 152 · 0 151 · 7	151 · 5 151 · 5 151 · 6 151 · 7 151 · 7	151 · 5 151 · 5 151 · 5 151 · 6 151 · 5	151 · 4 151 · 3 151 · 3 151 · 0 151 · 0	152·0 152·2 152·2 152·2 152·0	151·3 151·2 151·2 151·2 151·3
6	153 · 4 153 · 3 153 · 3 153 · 2 153 · 2	153·5 153·3 153·3 153·5 153·7	153 · 7 153 · 7 153 · 7 153 · 7 153 · 7	153 · 2 153 · 2 153 · 4 153 · 3 153 · 2	152·7 152·7 152·7 152·7 152·7	152 · 5 152 · 5 152 · 5 152 · 4 152 · 4	151·7 151·7 151·7 151·7 151·7	151·7 151·6 151·7 151·5 151·4	$\begin{array}{c} 151 \cdot 3 \\ 151 \cdot 0 \\ 151 \cdot 2 \\ 151 \cdot 0 \\ 151 \cdot 2 \end{array}$	151 · 0 151 · 0 151 · 5 151 · 6 151 · 1	152 · 1 152 · 1 151 · 3 151 · 4 151 · 0	151 · 7 151 · 6 151 · 4 151 · 5 151 · 3
11 12 13 14 15	153 · 5 153 · 7 153 · 0 153 · 5 153 · 5	154 · 0 154 · 0 153 · 7 153 · 7 153 · 7	153 · 6 153 · 6 153 · 6 153 · 6 153 · 2	153 · 3 153 · 3 153 · 4 153 · 4 153 · 3	152 · 7 152 · 7 152 · 7 152 · 7 152 · 7	152·3 152·3 152·3 152·3 152·2	151·7 151·7 152·0 151·7 151·7	151 · 4 151 · 6 151 · 5 151 · 5 151 · 7	$\begin{array}{c} 150 \cdot 7 \\ 151 \cdot 0 \\ 151 \cdot 0 \\ 151 \cdot 2 \\ 151 \cdot 0 \end{array}$	151 · 2 151 · 2 151 · 7 151 · 7 151 · 3	151 · 2 151 · 4 151 · 3 151 · 2 151 · C	151 · 3 151 · 6 151 · 4 151 · 3 151 · 4
16	153 · 5 153 · 2 153 · 2 153 · 1 153 · 2	153 · 7 153 · 7 153 · 6 153 · 6 153 · 7	153 · 2 153 · 2 153 · 2 153 · 2 153 · 3	153 · 2 153 · 1 153 · 0 153 · 1 153 · 2	152 · 7 152 · 7 152 · 7 152 · 7 152 · 7	$152 \cdot 2$ $152 \cdot 1$	151·7 151·7 151·7 151·6 151·5	151·7 151·6 151·5 151·5 151·5	$151 \cdot 1$ $150 \cdot 7$ $150 \cdot 4$ $150 \cdot 7$ $151 \cdot 2$	151 · 6 151 · 4 151 · 1 151 · 4 151 · 5	150 · 7 150 · 4 151 · 0 150 · 7 150 · 5	151 · 4 151 · 4 151 · 6 151 · 5 151 · 3
21 22 23 24 25	153 · 1 153 · 0 153 · 0 153 · 0 153 · 0	153·5 153·7 153·7 153·7 153·7	153 · 2 153 · 2 153 · 2 153 · 4 153 · 4	153 · 0 153 · 1 153 · 1 153 · 1 153 · 1	152 · 7 152 · 7 152 · 7 152 · 6 152 · 6	152 · 2 152 · 2 152 · 0 152 · 0 152 · 0	151·5 151·5 151·5 151·5 151·5	151 · 4 151 · 3 151 · 3 151 · 2 151 · 2	$\begin{array}{c} 151 \cdot 2 \\ 151 \cdot 2 \\ 151 \cdot 2 \\ 151 \cdot 0 \\ 151 \cdot 2 \end{array}$	151 · 5 151 · 2 151 · 0 151 · 2 151 · 2	150 · 7 150 · 7 150 · 7 150 · 7 150 · 7 151 · 2	151·5 151·3 151·3 151·3 151·3
26 27 28 29 30 31	153 · 2 153 · 1 153 · 1 153 · 2 153 · 2	153.7 153.7 153.7 153.7 153.6 153.7	153-4 153-4 153-3 153-3 153-3	153·0 153·0 153·0 153·0 152·7 152·7	152 · 5 152 · 5 152 · 5 152 · 5 152 · 5 152 · 4	152·0 152·1 152·1 152·2 152·2	151 · 5 151 · 5 151 · 5 151 · 5 151 · 5 151 · 5	151·3 151·5 151·5 151·5 151·5	151·2 151·5 151·5 151·2 151·0 151·2		151 · 4 151 · 3 151 · 3	151·4 151·4 151·6 151·6 151·7 151·7

ELEVATIONS above M.S.L., of St. Lawrence River at Coteau Landing, for 1909-10.

TABLE No. 598 151-2 151-2 151-0 151-0 151-2 152 · 3 152 · 3 152 · 3 152 · 2 152 · 2 152·0 151·7 151·7 151·7 151·7 151·7 151·7 151·7 151·7 151·7 $152 \cdot 0$ $152 \cdot 1$ $152 \cdot 5$ 151·3 151·3 151·1 151·0 151.0 151-6 150.5 151-7 $^{152\cdot 0}_{152\cdot 0}_{152\cdot 0}$ 150·7 151·0 152.0 152 - 1 152 · 2 152 · 2 152 · 2 152 · 1 151·7 151·7 151·7 151·5 151·2 151·2 151·1 151·0 151-2 151-4 151-4 151·5 151·7 152 - 2 152 - 2 $152 \cdot 1$ 151 - 7 151.3 $^{151\cdot 0}_{150\cdot 7}_{151\cdot 0}$ 151 · 4 151 · 4 151 · 4 152 · 3 152 · 7 152 · 5 152·0 152·0 152·0 151·3 151·3 151·3 152 · 0 152 · 1 152 - 1 151.7 151·7 151·7 151·7 151·7 151·7 $152 \cdot 2$ $152 \cdot 2$ $152 \cdot 2$ 152 · 1 152 · 1 152 · 1 151·5 151·5 $151 \cdot 3$ $151 \cdot 3$ $151 \cdot 5$ 151-2 151.3 152-3 11.... 12. *.... 13.... 152 · 2 152 · 0 152 · 7 152 · 7 152 · 7 151·0 150·6 151.1 151 · 5 151 · 5 151 · 5 151·5 151·5 $152 \cdot 4$ 151·7 151·7 151·7 151·7 151·7 151·3 151·3 151·3 $151 \cdot 5$ $151 \cdot 4$ $151 \cdot 2$ 151 - 1 151·7 151·7 151·7 151·5 151·5 151·5 151-4 $^{151\cdot 0}_{151\cdot 0}_{151\cdot 1}$ $152 \cdot 1$ 17. 18. 19. 20. 151.0 $151 \cdot 7$ $152 \cdot 2$ $152 \cdot 2$ $152 \cdot 1$ $152 \cdot 1$ 151·7 151·7 151·7 151·7 151·7 $150 \cdot 7$ $150 \cdot 7$ $151 \cdot 2$ $151 \cdot 2$ 152 · 3 152 · 3 152 · 3 152 · 3 152 · 3 152.0 151.3 150-7 150·6 150·5 150 - 7 150.7 152·1 152·0 151·7 151·7 151·5 152·3 152·3 152·2 152·4 152·4 152·4 152·3 152·3 152·3 152·2 152·4 151·7 151·7 151·7 151·7 151·7 151·7 151.3 151.0 150.7 151.2 150·7 150·7 152 · 1 152 · 1 152 · 1 151.3 $151 \cdot 3$ 150.6

6 GEORGE V, A. 1916

Elevations above M.S.L., of St. Lawrence River at Coteau Landing, for 1910-11.

		599.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	151·7 151·7 151·7 151·7 151·6	151·7 151·7 151·7 151·7 151·7 152·1	152 · 1 152 · 1 152 · 0 152 · 0 152 · 0	150·7 150·7 150·7 150·7 150·7 151·7	151·7 151·7 151·7 151·7 151·7	151·3 151·3 151·3 151·4 151·3	151·3 151·2 151·2 151·3 151·3	151 · 2 151 · 2 151 · 1 151 · 0 151 · 0	150·7 150·7 151·0 150·7 150·7	151·4 151·3 151·2 151·1 151·2	151·3 151·2 151·2 151·2 151·4	151·2 151·2 151·2 151·2 151·2
6 7 8 9	151 · 6 151 · 7 151 · 7 151 · 7 151 · 7	152 · 2 152 · 2 152 · 3 152 · 2 152 · 3	$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 0 \end{array}$	151 · 7 151 · 7 151 · 7 151 · 7 151 · 7	151·7 151·7 151·7 151·6 151·7	151 · 2 151 · 4 151 · 5 151 · 6 151 · 6	151·2 151·2 151·2 151·2 151·2	151 · 0 151 · 1 151 · 2 151 · 2 150 · 6	150 · 6 150 · 6 150 · 7 151 · 1 151 · 1	151·0 151·0 151·3 151·4 151·3	151 · 3 151 · 2 151 · 2 151 · 2 151 · 2	151·2 151·2 151·2 151·1 150·7
11	151 · 7 151 · 7 151 · 7 151 · 7 151 · 7	$\begin{array}{c} 152 \cdot 3 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 0 \\ 152 \cdot 0 \end{array}$	$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 1 \end{array}$	152 · 0 152 · 0 151 · 7 152 · 0 151 · 7	151 · 7 151 · 7 151 · 7 151 · 7 151 · 6	151 · 6 151 · 5 151 · 4 151 · 4 151 · 4	151 · 2 151 · 2 151 · 2 151 · 2 151 · 4	151 · 2 151 · 1 151 · 1 151 · 2 151 · 2	151·0 150·7 151·0 151·0 150·7	151·3 151·2 151·0 151·0 151·3	151·0 150·7 150·7 150·7 150·7	151 · 0 151 · 0 151 · 0 151 · 0 150 · 7
16 17 18 19 20	151 · 6 151 · 6 151 · 5 151 · 6 151 · 7	$\begin{array}{c} 151 \cdot 7 \\ 151 \cdot 7 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \end{array}$	$\begin{array}{c} 152 \cdot 1 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 1 \end{array}$	151 · 7 151 · 7 151 · 7 151 · 6 151 · 6	151 · 6 151 · 5 151 · 5 151 · 5 151 · 5	151·3 151·2 151·2 151·2 151·2	$\begin{array}{c} 151 \cdot 2 \\ 151 \cdot 2 \\ 151 \cdot 1 \\ 151 \cdot 2 \\ 151 \cdot 1 \end{array}$	$\begin{array}{c} 151 \cdot 2 \\ 151 \cdot 2 \\ 151 \cdot 2 \\ 151 \cdot 2 \\ 151 \cdot 1 \end{array}$	$\begin{array}{c} 150 \cdot 7 \\ 150 \cdot 7 \\ 150 \cdot 7 \\ 151 \cdot 0 \\ 151 \cdot 2 \end{array}$	151·7 151·6 151·3 151·2 151·1	150·7 151·0 151·2 151·2 151·1	150·7 151·2 151·2 151·2 151·2
21 22 23 24 25	151 · 7 151 · 7 151 · 6 151 · 5 151 · 5	$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 1 \\ 152 \cdot 2 \end{array}$	$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 151 \cdot 7 \end{array}$	151-6 151-6 151-6 151-6 151-6	151 · 5 151 · 7 151 · 6 151 · 6 151 · 6	151·3 151·3 151·2 151·1 151·3	$\begin{array}{c} 150 \cdot 7 \\ 151 \cdot 0 \\ 151 \cdot 0 \\ 151 \cdot 1 \\ 151 \cdot 1 \end{array}$	150 · 7 150 · 7 150 · 7 150 · 7 151 · 0	151 · 2 151 · 3 151 · 4 151 · 7 151 · 7	150 · 7 151 · 1 151 · 0 151 · 1 150 · 7	151 · 0 151 · 3 151 · 4 151 · 3 151 · 2	151 · 2 151 · 0 151 · 2 151 · 3 151 · 2
26. 27. 28. 29. 30.	151·5 151·7 151·7 151·6 151·7	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 1 \end{array}$	151·7 151·7 151·7 151·7 151·7	151·7 151·7 152·0 151·7 151·7 151·7	151 · 6 151 · 6 151 · 6 151 · 5 151 · 5 151 · 5	151·2 151·1 151·2 151·2 151·2	$\begin{array}{c} 151 \cdot 1 \\ 151 \cdot 0 \\ 151 \cdot 2 \end{array}$	150·7 150·7 150·5 150·5 150·5	151 · 6 151 · 4 151 · 3 151 · 0 151 · 0 151 · 0	151-3	151 · 2 151 · 2 151 · 2	151 · 2 151 · 1 151 · 4 151 · 7 151 · 7

Elevations above M.S.L., of St. Lawrence River at Coteau Landing, for 1911-12.

TABLE No. 600.

						TABLE No. 600.
1	151·5 151· 151·5 151· 151·7 151· 151·3 151· 151·3 151·	7 151·3 151·2 7 151·3 151·3 7 151·3 151·3	150·7 150· 150·7 150· 151·0 150·	7 150-5 150-5 7 150-4 150-5 7 150-4 150-5	150·7 151 150·7 151 150·7 151	4 149-7 4 150-7 2 151-1 150-6
6. 7. 8. 9.	$\begin{array}{ccc} 151 \cdot 4 & 151 \cdot \\ 151 \cdot 7 & 151 \cdot \\ 152 \cdot 3 & 151 \cdot \\ 152 \cdot 2 & 151 \cdot \\ 152 \cdot 2 & 151 \cdot \\ \end{array}$	7 151·2 151·2 7 151·2 151·2 7 151·2 151·3	150·7 150· 150·7 150· 150·7 150·	7 150·5 150·6 6 150·5 150·6 6 150·5 150·6	150 · 6 151 · 150 · 5 151 · 150 · 6 151 ·	4 151·2 150·4 6 151·2 150·4 6 150·7 150·4
11	$\begin{array}{cccc} 152 \cdot 2 & 151 \cdot \\ 152 \cdot 2 & 151 \cdot \\ 152 \cdot 1 & 151 \cdot \\ 152 \cdot 1 & 151 \cdot \\ 152 \cdot 2 & 151 \cdot \\ \end{array}$	6 151·3 151·2 5 151·3 151·2 7 151·3 151·2	151·0 150· 151·0 150· 151·0 150· 151·0 150· 150·7 150·	7 150·5 150·7 6 150·5 150·7 6 150·5 150·7	150 · 7 151 · 150 · 7 151 ·	3 151·1 150·5 2 151·1 150·5 2 151·2 150·5
16	$\begin{array}{cccc} 152 \cdot 2 & 151 \cdot \\ 152 \cdot 2 & 151 \cdot \\ 152 \cdot 0 & 151 \cdot \\ 151 \cdot 6 & 151 \cdot \\ 151 \cdot 6 & 151 \cdot \end{array}$	4 151·3 151·2 3 151·3 151·2 3 151·4 151·2	150·7 150· 150·7 150· 150·7 150· 150·7 150· 150·7 150·	7 150·4 150·7 7 150·4 150·7 7 150·4 150·7	151 · 2 151 · 151 · 1 150 ·	1 150·7 150·5 7 150·4 150·5 2 150·5 150·5
21 22 23 24	151-5 151- 151-4 151- 151-4 151- 151-5 151- 151-6 151-	3 151·4 151·2 3 151·3 151·2 3 151·3 151·2	$\begin{array}{cccc} 151 \cdot 0 & 150 \cdot \\ 150 \cdot 7 & 150 \cdot \\ 150 \cdot 7 & 150 \cdot \\ \end{array}$	7 150·5 150·7 7 150·6 150·7 7 150·6 150·7	151·0 151· 150·7 151· 150·0 151· 150·2 151· 150·2 150·	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$
26 27 28 29 30 31	151 · 6 151 · 151 · 5	3 151·2 151·4 4 151·2 151·2 4 151·2 151·2 8 151·2 151·2	150·7 150· 150·7 150· 150·7 150· 150·7 150· 150·7 150·	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	4 149·3 150·7 4 149·5 150·7 6 149·7 150·7 8 150·7

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L., of St. Lawrence River at Coteau Landing, for 1912-13.

TABLE No. 801.

								-				
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	151·0 151·1 151·1 151·2 151·1	152 · 4 152 · 2 152 · 2 152 · 1 152 · 1	153 · 2 153 · 0 153 · 0 152 · 8 152 · 7	152 · 2 152 · 2 152 · 2 152 · 2 152 · 2	152 · 0 152 · 0 152 · 0 152 · 0 152 · 0	151·7 151·7 151·7 151·7 151·7	151 · 7 151 · 7 151 · 7 151 · 7 151 · 7	151 · 5 151 · 5 151 · 5 151 · 5 151 · 5	$151 \cdot 7$ $151 \cdot 7$ $152 \cdot 0$ $152 \cdot 0$ $152 \cdot 0$	151 · 6 151 · 7 151 · 6 151 · 5 151 · 5	152·3 152·6 152·9 152·9 152·9	151·7 151·7 152·0 152·1 152·0
6	151·1 152·3 152·7 152·4 152·2	$152 \cdot 0$ $152 \cdot 0$ $152 \cdot 0$ $152 \cdot 0$ $152 \cdot 1$	152 · 7 152 · 6 152 · 6 152 · 6 152 · 6	152 · 2 152 · 2 152 · 2 152 · 2 152 · 2 152 · 2	$152 \cdot 0$	151·7 151·7 151·7 151·7 151·7	151 · 7 151 · 7 151 · 7 151 · 7 151 · 6	151 · 5 151 · 5 151 · 6 151 · 7 151 · 7	$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 1 \end{array}$	151 · 6 151 · 7 151 · 7 151 · 9 152 · 3	152 · 6 152 · 3 152 · 2 152 · 2 152 · 2	151 · 9 151 · 9 152 · 0 152 · 0 151 · 7
11	$152 \cdot 2$ $152 \cdot 1$ $152 \cdot 2$ $152 \cdot 0$ $152 \cdot 0$	$152 \cdot 1$ $152 \cdot 1$ $152 \cdot 1$ $152 \cdot 1$ $152 \cdot 1$ $152 \cdot 0$	152 · 6 152 · 6 152 · 5 152 · 4 152 · 4	$152 \cdot 2$	$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \\ 152 \cdot 0 \end{array}$	151 · 7 151 · 7 151 · 7 151 · 7 151 · 7	151 · 5 151 · 5 151 · 5 151 · 5 151 · 5	$152 \cdot 0$ $152 \cdot 0$ $151 \cdot 5$ $151 \cdot 6$ $151 \cdot 6$	$152 \cdot 2$ $152 \cdot 2$ $152 \cdot 1$ $151 \cdot 9$ $152 \cdot 9$	- 152 · 8 153 · 0 152 · 8 152 · 7 152 · 7	$152 \cdot 2$	151 · 7 151 · 7 151 · 7 151 · 8 152 · 2
16	152 · 1 152 · 2 152 · 2 152 · 4 152 · 4	152·0 151·9 152·0 152·1 152·0	152 · 5 152 · 5 152 · 5 152 · 5 152 · 5	$152 \cdot 2$ $152 \cdot 2$ $152 \cdot 1$ $152 \cdot 1$ $152 \cdot 1$	151 · 9 151 · 7 151 · 7 151 · 7 151 · 7	151·7 151·7 151·7 151·7 151·7	151 · 5 151 · 5 151 · 5 151 · 5 151 · 5	151 · 6 151 · 6 151 · 6 151 · 6 151 · 6	151 · 7 151 · 7 151 · 7 151 · 7 151 · 7	152 · 7 152 · 4 152 · 5 152 · 6 152 · 6	$152 \cdot 1$ $152 \cdot 1$ $152 \cdot 1$ $152 \cdot 1$ $152 \cdot 1$ $151 \cdot 9$	152·7 152·7 152·5 152·3 152·4
21	152·4 152·2 152·2 152·2 152·2	$152 \cdot 1$ $152 \cdot 1$ $152 \cdot 1$ $152 \cdot 1$ $152 \cdot 4$	152·5 152·5 152·5 152·4 152·4	$152 \cdot 1$ $152 \cdot 1$ $152 \cdot 0$ $152 \cdot 0$ $152 \cdot 0$	151·7 151·7 151·7 151·7 151·7	'151·7 151·7 151·7 151·7 151·7	151·5 151·5 151·5 151·5 151·5	151 · 6 151 · 6 151 · 6 151 · 3 151 · 5	151·7 151·7 151·7 151·7 151·7	$152 \cdot 5$ $152 \cdot 6$ $152 \cdot 7$ $152 \cdot 6$ $152 \cdot 5$	151 · 7 151 · 7 151 · 7 151 · 9 152 · 2	152 · 5 152 · 9 153 · 0 152 · 6 152 · 7
26	152·2 152·3 152·2 152·3 152·3 152·2	152·3 152·4 152·4 152·2 152·5 153·1	152·3 152·3 152·3 152·3 152·3	$\begin{array}{c} 152 \cdot 0 \\ 152 \cdot 0 \end{array}$	$151 \cdot 7$ $151 \cdot 7$ $152 \cdot 0$ $152 \cdot 0$ $152 \cdot 0$ $151 \cdot 9$	151·7 151·7 151·7 151·7 151·7 151·7	151 · 5 151 · 5 151 · 6 151 · 6 151 · 6 151 · 5	151·5 151·5 151·7 151·7 151·7	151·7 151·6 151·6 151·6 151·6 151·6		152 · 2 152 · 1 151 · 8	$152 \cdot 7$ $152 \cdot 7$ $153 \cdot 1$ $153 \cdot 1$ $153 \cdot 1$ $153 \cdot 3$

 ${\tt Elevations \, above \, M.S.L., \, of \, St. \, Lawrence \, River \, at \, Coteau \, Landing, \, for \, 1912-14.}$

ZZZ (ATION	5 abov	0 111.1.	.11., 01					Journ	4 1311110		BLE No	
1	153·5 153·5 153·2 152·7 153·3	152 · 5 152 · 5 152 · 6 152 · 6 152 · 6	152 · 6 152 · 6 152 · 6 152 · 6 152 · 6	152 · 5 152 · 5 152 · 5 152 · 5 152 · 5	152 · 2 152 · 2 152 · 2 152 · 2 152 · 2 152 · 2	152 · 0 152 · 0 151 · 9 151 · 7 151 · 6	151·5 151·4 151·5 151·6 151·6	151 · 8 151 · 7 151 · 6 151 · 7 151 · 6	151 · 3 151 · 3 151 · 4 151 · 4 151 · 4	151 · 2 151 · 2 151 · 3 151 · 4 151 · 3	151 · 7 151 · 6 151 · 7 151 · 5 151 · 5	150 · 5 150 · 5 150 · 5 150 · 5 150 · 5
6 7. 8. 9	153 · 4 153 · 4 153 · 2 153 · 1 152 · 8	$\begin{array}{c} 152 \cdot 6 \\ 152 \cdot 6 \\ 152 \cdot 6 \\ 152 \cdot 5 \\ 152 \cdot 5 \\ 152 \cdot 5 \end{array}$	$152 \cdot 6$	$152 \cdot 5$	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	151 · 6 151 · 6 151 · 7 151 · 7 151 · 7	151 · 6 151 · 6 151 · 5 151 · 5 151 · 5	151 · 6 151 · 5 151 · 5 151 · 5 151 · 5	151 · 4 151 · 4 151 · 5 151 · 5 151 · 5	151 · 2 151 · 2 151 · 2 151 · 1 151 · 1 151 · 2	151 · 5 151 · 5 151 · 6 151 · 7 151 · 7	150 · 6 150 · 4 150 · 2 150 · 2 150 · 4
11	152 · 6 152 · 6 152 · 7 152 · 7 152 · 7	$152 \cdot 5$	$\begin{array}{c} 152 \cdot 6 \\ 152 \cdot 6 \end{array}$	$152 \cdot 5$	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \end{array}$	151 · 6 151 · 6 151 · 6 151 · 6 151 · 6	151·5 151·5 151·5 151·5 151·5	151 · 6 151 · 7 151 · 7 151 · 7 151 · 6	151·5 151·5 151·4 151·4 151·4	$\begin{array}{c} 151 \cdot 3 \\ 152 \cdot 1 \\ 152 \cdot 3 \\ 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	151 · 9 151 · 7 151 · 5 151 · 4 151 · 5	150 · 6 150 · 8 151 · 0 151 · 0 150 · 8
16	$152 \cdot 7$ $152 \cdot 6$ $152 \cdot 6$ $152 \cdot 6$ $152 \cdot 6$	$152 \cdot 3$ $152 \cdot 3$ $152 \cdot 4$ $152 \cdot 5$ $152 \cdot 5$	$152 \cdot 6$	152·5 152·4 152·3 152·3 152·3	$152 \cdot 1$ $152 \cdot 1$ $152 \cdot 1$ $152 \cdot 0$ $151 \cdot 8$	151 · 6 151 · 6 151 · 7 151 · 7 151 · 6	151·5 151·4 151·4 151·4 151·4 151·5	151·5 151·5 151·5 151·5 151·5	151 · 4 151 · 4 151 · 5 151 · 5 151 · 5	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 4 \\ 152 \cdot 4 \\ 152 \cdot 4 \\ 152 \cdot 5 \end{array}$	151 · 8 152 · 2 152 · 1 151 · 8 151 · 4	150 · 6 150 · 6 151 · 1 151 · 2 151 · 2
21 22 23 24 25	$152 \cdot 6$	152·5 152·5 152·5 152·5 152·5	$152 \cdot 5$	$152 \cdot 3$	151 · 7 151 · 7 151 · 9 152 · 0 152 · 1	151 · 6 151 · 6 151 · 6 151 · 7 151 · 6	151 · 4 151 · 5 151 · 5 151 · 5 151 · 6	151 · 5 151 · 5 151 · 6 151 · 6 151 · 6	151 · 4 151 · 3 151 · 2 151 · 2 151 · 3	$\begin{array}{c} 152 \cdot 3 \\ 152 \cdot 3 \\ 152 \cdot 5 \\ 152 \cdot 4 \\ 152 \cdot 0 \end{array}$	151·3 151·2 151·2 151·2 151·1	151 · 6 151 · 5 151 · 3 151 · 1 151 · 0
26. 27. 28. 29. 30. 31.	152.6 152.6 152.6 152.5 152.5	$152 \cdot 5$ $152 \cdot 6$	152 · 4 152 · 4 152 · 5 152 · 5 152 · 5	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 2 \end{array}$	$\begin{array}{c} 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 0 \end{array}$	151 · 6 151 · 7 151 · 7 151 · 7 151 · 6	151·4 151·5 151·5 151·5 151·6 151·5	151 · 5 151 · 4 151 · 3 151 · 3 151 · 3	$\begin{array}{c} 151 \cdot 2 \\ 151 \cdot 2 \end{array}$	151 · 9 151 · 9 151 · 9 151 · 9 151 · 8 151 · 7	150 · 9 150 · 7 150 · 5	151 · 4 151 · 5 151 · 0 151 · 7 151 · 7 151 · 7

6 GEORGE V, A. 1915 .

ELEVATIONS above M.S.L., of St. Lawrence River at Coteau Landing, for 1914-15

TABLE No. 603.

											TOTAL TO	
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
12 23 45	151·7 151·8 152·2 152·2 152·2	152 · 2 152 · 3 152 · 3 152 · 3 152 · 3 152 · 1	152 · 2 152 · 0 152 · 0 151 · 8 151 · 7	152 · 0 151 · 9 152 · 0 152 · 0 152 · 0	151 · 6 151 · 6 151 · 7 151 · 6 151 · 6	151 · 6 151 · 6 151 · 6 151 · 6 151 · 6	151·2 151·2 151·2 151·2 151·2	151 · 2 151 · 2 151 · 2 151 · 2 151 · 2 151 · 2	151 · 0 150 · 8 150 · 7 150 · 7 150 · 7	151 · 3 151 · 2 151 · 3 151 · 4 151 · 3	151 · 2 151 · 0 150 · 7 151 · 0 150 · 7	151 - 3
8	152 · 1 151 · 9 151 · 7 151 · 7 152 · 2	$152 \cdot 1$ $152 \cdot 1$ $152 \cdot 2$ $152 \cdot 1$ $152 \cdot 2$	151·9 151·9 152·0 152·0 152·1	152 · 0 152 · 0 152 · 0 151 · 9 151 · 9	151 · 5 151 · 6 151 · 6 151 · 6 151 · 6	151 · 6 151 · 7 151 · 7 151 · 5 151 · 5	151 · 2 151 · 2 151 · 1 151 · 1 151 · 1	151 · 2 151 · 2 151 · 2 151 · 2 151 · 2 151 · 2	150 · 7 150 · 5 150 · 4 150 · 4 150 · 4	151·3 151·3 151·3 151·4 151·3	150 · 6 150 · 6 150 · 6 150 · 6 150 · 6	151·1 151·1 151·1
11	152·2 152·3 152·4 152·2 152·0	152 · 2 152 · 1 152 · 0 152 · 0 152 · 1	152 · 1 152 · 1 152 · 0 152 · 0 152 · 0	151 · 9 152 · 0 151 · 9 151 · 7 151 · 7	151 · 6 151 · 5 151 · 5 151 · 6 151 · 6	151 · 5 151 · 4 151 · 4 151 · 4 151 · 4	151 · 2 151 · 4 151 · 4 151 · 2 151 · 2	151·0 151·0 150·8 151·0 150·9	150 · 4 150 · 4 150 · 5 150 · 6 150 · 6	151 · 1 151 · 0 151 · 0 151 · 0 150 · 7	150 · 6 150 · 7 151 · 1 150 · 6 150 · 7	151·2 151·2 151·2
16. 17. 18. 19.	151 · 7 151 · 9 152 · 1 152 · 2 152 · 3	152 · 2 152 · 2 152 · 2 152 · 2 152 · 1	151 · 9 151 · 7 151 · 9 152 · 0 152 · 0	151·7 151·7 151·7 151·7 151·7	151 · 6 151 · 6 151 · 6 151 · 6 151 · 5	151 · 4 151 · 4 151 · 3 151 · 3 151 · 4	151·2 151·2 151·2 151·2 151·2	150 · 7 151 · 0 151 · 2 151 · 0 151 · 0	150 · 6 150 · 9 151 · 4 151 · 5 151 · 6	150 · 7 150 · 7 150 · 7 150 · 7 151 · 0	150 · 7 150 · 7 151 · 0 151 · 0 151 · 1	151·1 151·1 151·0
21 22 23 24 25	152 · 4 152 · 4 152 · 3 152 · 2 152 · 1	$152 \cdot 1$ $152 \cdot 0$ $152 \cdot 0$ $152 \cdot 1$ $152 \cdot 1$	152·0 152·0 152·0 151·9 151·7	151 · 7 151 · 7 151 · 7 151 · 7 151 · 7	151·5 151·5 151·6 151·6 151·6	151 · 4 151 · 4 151 · 4 151 · 3 151 · 3	151·2 151·2 151·2 151·2 151·2	151·0 151·0 151·0 151·0 151·0	151 · 6 151 · 6 151 · 6 151 · 6 151 · 5	151·0 151·1 151·1 151·1 151·1	151·0 151·0 150·7 150·6 151·0	151·2 151·1 151·2
26. 27. 28. 29. 30. 31.	152·1 152·1 152·2 152·2 152·1	$\begin{array}{c} 152 \cdot 2 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 1 \\ 152 \cdot 2 \\ 152 \cdot 2 \\ \end{array}$	152·0 152·0 151·6 151·7 151·7	151·7 151·7 151·7 151·6 151·6 151·6	151 · 4 151 · 4 151 · 4 151 · 3 151 · 4 151 · 5	151·3 151·3 151·3 151·3 151·2	151·2 151·2 151·2 151·2 151·2 151·2	151·0 151·0 151·0 151·0 151·0	151·5 151·7 152·0 151·8 151·5 151·4	151 · 2 151 · 2 151 · 2 151 · 2 151 · 2 151 · 4 151 · 2	151·1 151·1 151·3	151·5 151·5 151·4 151·2 151·2 151·2

ELEVATIONS above M.S.L., of St. Lawrence River at Rouge River Wharf, Coteau du Lac, for 1911–12.

	TABLE No	o. 604.
1 132-75 133-35 134 2 132-85 133-35 134 3 132-96 133-15 134 4 133-05 132-95 132	·95 133·15 ·15 132·95 ·15 132·95	132·55 132·65 132·75 132·75 132·35
8 132-55 122-95 134 7 133-05 132-15 133-15 1	·45 133·55 ·35 133·75 ·45 133·35	$\begin{array}{c} 132 \cdot 35 \\ 132 \cdot 55 \\ 132 \cdot 55 \\ 132 \cdot 75 \\ 132 \cdot 75 \end{array}$
II 132-95 133-35 134 I2 133-06 136-45 133 I3 132-25 133-25 135-55 133 I4 132-25 133-25 133-25 133-35 <td< td=""><td>·95 132·95 ·65 132·95 ·65 132·95</td><td>132 · 95 132 · 95 132 · 95 132 · 75 132 · 95</td></td<>	·95 132·95 ·65 132·95 ·65 132·95	132 · 95 132 · 95 132 · 95 132 · 75 132 · 95
16. 132 85 133-15 133 17. 33 285 132-25 132-25 132-15 16. 32 245 132-25 133-35 133-2	·45 132·75 ·35 132·75 ·35 132·65	133 · 15 133 · 25 133 · 25 133 · 25 133 · 35
21. 133 05 133 15 133 22. 132 95 133 10 123 23. 133 10 132 95 133 24. 133 15 122 95 133 24. 132 15 132 95 133 25. 132 15 132 95 133 25 25. 132 15 132 95 133 26. 132 10 132 10 132 10 27. 132 10 132 10 132 10 28. 132 10 132 10 132 10 29. 133 10 132 10 132 10 20. 132 10 132 10 132 10 29. 133 10 132 10 132 10 20. 133 10 132 10 132 10 21. 133 10 132 10 133 12 21. 133 13 133 12 133 12 22. 133 12 133 12 133 12 22. 133 12 133 12 133 12 23. 133	45 132·55 35 132·55 95 132·45	133 · 35 133 · 55 133 · 55 133 · 65
	55 132·35 25 132·55	133 · 65 133 · 65 133 · 75 133 · 75 133 · 75 133 · 85

SESSIONAL PAPER No. 19a
ELEVATIONS above M.S.L., of St. Lawrence River at Rouge River Wharf,
Coteau du Lac, for 1912-13.

TABLE No. 605.

										1.	ADLE N	0.005.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1				134 · 65 134 · 55 134 · 45 134 · 45 134 · 45	134 · 25 134 · 25 134 · 25 134 · 35 134 · 35	134 · 15 134 · 15 134 · 25 134 · 25 134 · 25	134·35 134·35 134·35 144·25 134·25	134·10 134·10 134·10 134·05 134·10	134 · 30 134 · 15 134 · 50 134 · 60 134 · 50	134 · 25 134 · 25 133 · 95 134 · 65 134 · 60	134 · 85 134 · 75 135 · 00 134 · 80 134 · 65	134 · 15 134 · 25 134 · 26 134 · 40 134 · 20
6. 7. 8. 9 10.				134 · 55 134 · 55 134 · 45 134 · 45 134 · 45	$\begin{array}{c} 134 \cdot 35 \\ 134 \cdot 25 \\ 134 \cdot 15 \\ 134 \cdot 25 \\ 134 \cdot 35 \end{array}$	$\begin{array}{c} 134 \cdot 35 \\ 134 \cdot 35 \\ 134 \cdot 25 \\ 134 \cdot 25 \\ 134 \cdot 25 \end{array}$	$\begin{array}{c} 134 \cdot 25 \\ 134 \cdot 25 \\ 134 \cdot 25 \\ 134 \cdot 25 \\ 134 \cdot 35 \\ 134 \cdot 25 \end{array}$	134·10 133·90 134·50 134·65 134·60	$\begin{array}{c} 134\cdot 60 \\ 134\cdot 75 \\ 134\cdot 70 \\ 134\cdot 55 \\ 134\cdot 60 \end{array}$	134·35 134·30 134·25 134·10 134·55	134 · 80 134 · 40 134 · 10 134 · 30 134 · 65	134 · 25 134 · 20 134 · 29 134 · 38 134 · 20
11. 12. 13. 14. 15.				134 · 45 134 · 35 134 · 35 134 · 35 134 · 45	$\begin{array}{c} 134 \cdot 35 \\ 134 \cdot 35 \\ 134 \cdot 25 \\ 134 \cdot 25 \\ 134 \cdot 25 \end{array}$	134 · 35 134 · 25 134 · 15 134 · 25 134 · 25	133 · 95 134 · 00 134 · 00 133 · 95 133 · 90	$134 \cdot 40$ $134 \cdot 30$ $133 \cdot 65$ $134 \cdot 25$ $134 \cdot 45$	134 · 65 134 · 55 134 · 45 134 · 35 134 · 35	134 · 80 135 · 00 134 · 75 134 · 75 135 · 45	135 · 05 134 · 55 134 · 60 134 · 50 134 · 60	134 · 15 134 · 05 134 · 26 134 · 45 135 · 05
16. 17. 18. 19. 20.				134 · 35 134 · 25 134 · 25 134 · 25 134 · 35	134 · 15 134 · 15 134 · 15 134 · 15 134 · 15	134 · 25 134 · 15 134 · 25 134 · 25 134 · 35	$\begin{array}{c} 133 \cdot 90 \\ 134 \cdot 15 \\ 134 \cdot 10 \\ 134 \cdot 15 \\ 134 \cdot 20 \end{array}$	134 · 40 134 · 40 134 · 40 134 · 25 134 · 45	$\begin{array}{c} 134 \cdot 25 \\ 134 \cdot 10 \\ 134 \cdot 00 \\ 134 \cdot 05 \\ 134 \cdot 30 \end{array}$	135.00 134.65 135.15 135.35 135.30	134·50 134·70 134·85 134·75 134·70	135-30 135-26 135-05 134-95 135-15
21				134 · 35 134 35 134 · 45 134 · 35 134 · 25	134 · 15 134 · 05 134 · 15 134 · 25 134 · 35	134 · 35 134 · 35 134 · 35 134 · 25 134 · 25	134·05 134·10 134·05 134·60 133·90	134 · 30 134 · 35 133 · 75 133 · 75 133 · 90	$\begin{array}{c} 134 \cdot 30 \\ 134 \cdot 25 \\ 134 \cdot 35 \\ 134 \cdot 20 \\ 134 \cdot 10 \end{array}$	$\begin{array}{c} 135 \cdot 25 \\ 135 \cdot 40 \\ 135 \cdot 45 \\ 135 \cdot 25 \\ 134 \cdot 10 \end{array}$	$\begin{array}{c} 134 \cdot 30 \\ 134 \cdot 20 \\ 134 \cdot 10 \\ 134 \cdot 00 \\ 134 \cdot 20 \end{array}$	135 - 35 135 - 55 135 - 50 135 - 25 135 - 45
26				$\begin{array}{c} 134 \cdot 35 \\ 134 \cdot 25 \end{array}$	$\begin{array}{c} 134 \cdot 25 \\ 134 \cdot 25 \\ 134 \cdot 25 \\ 134 \cdot 15 \\ 134 \cdot 05 \\ 134 \cdot 15 \\ \end{array}$	134 · 25 134 · 35 134 · 35 134 · 35 134 · 35	$\begin{array}{c} 134 \cdot 10 \\ 134 \cdot 20 \\ 134 \cdot 25 \\ 134 \cdot 10 \\ 134 \cdot 20 \\ 134 \cdot 15 \end{array}$	134 · 20 134 · 35 134 · 30 134 · 25 134 · 45	$\begin{array}{c} 134\cdot 10 \\ 134\cdot 10 \\ 134\cdot 15 \\ 134\cdot 20 \\ 134\cdot 20 \\ 134\cdot 25 \end{array}$	135 - 25	134 · 45 134 · 55 134 · 40	135 · 50 135 · 45 135 · 50 135 · 75 135 · 80 136 · 10

ELEVATIONS above M.S.L., of St. Lawrence River at Rouge River Wharf, Coteau du Lac, for 1913–14.

			Col	.cau c	iu Lac	, 101	1919-	14.		T.	ABLE N	No. 606.
1	136 · 30 136 · 05 135 · 65 135 · 40 136 · 35	$\begin{array}{c} 135 \cdot 15 \\ 135 \cdot 25 \end{array}$	$\begin{array}{c} 135 \cdot 25 \\ 135 \cdot 30 \\ 135 \cdot 35 \\ 135 \cdot 25 \\ 135 \cdot 25 \end{array}$	$135 \cdot 20$ $135 \cdot 15$ $135 \cdot 15$ $135 \cdot 05$ $135 \cdot 05$	134 · 85 134 · 90 134 · 95 134 · 90 134 · 90	134 · 65 134 · 55 134 · 60 134 · 35 134 · 20	134 · 00 134 · 15 133 · 75 134 · 05 133 · 85	134 · 20 134 · 15 134 · 15 134 · 10 134 · 10	134 · 15 134 · 15 134 · 10 134 · 20 134 · 20	133 · 85 134 · 00 134 · 40 134 · 75 134 · 45	134 · 40 134 · 60 134 · 45 134 · 40 134 · 35	133 · 35 133 · 35 133 · 35 133 · 35 133 · 40
6	$\begin{array}{c} 136 \cdot 25 \\ 136 \cdot 05 \\ 135 \cdot 80 \\ 135 \cdot 55 \\ 135 \cdot 25 \end{array}$	$\begin{array}{c} 135 \cdot 25 \\ 135 \cdot 25 \\ 135 \cdot 20 \\ 135 \cdot 20 \\ 135 \cdot 15 \end{array}$	$\begin{array}{c} 135 \cdot 25 \\ 135 \cdot 30 \\ 135 \cdot 25 \\ 135 \cdot 25 \\ 135 \cdot 40 \end{array}$	$\begin{array}{c} 135 \cdot 15 \\ 135 \cdot 15 \end{array}$	134 · 90 134 · 75 134 · 70 134 · 70 134 · 70	134 · 15 134 · 25 134 · 25 134 · 10 134 · 05	133 · 85 133 · 80 133 · 75 133 · 75 133 · 75	134 · 00 134 · 05 134 · 00 134 · 00 134 · 10	$\begin{array}{c} 134 \cdot 20 \\ 134 \cdot 20 \\ 134 \cdot 50 \\ 134 \cdot 35 \\ 134 \cdot 40 \end{array}$	134·30 133·95 133·90 133·95 133·95	134 · 40 134 · 40 134 · 35 134 · 35 134 · 30	133 · 46 133 · 26 133 · 16 133 · 15 133 · 06
11 12 13 14 15	135 · 25 135 · 45 135 · 45 135 · 45 135 · 35	$\begin{array}{c} 135 \cdot 15 \\ 135 \cdot 15 \\ 135 \cdot 10 \\ 135 \cdot 10 \\ 135 \cdot 05 \end{array}$	$\begin{array}{c} 135 \cdot 45 \\ 135 \cdot 35 \\ 135 \cdot 30 \\ 135 \cdot 30 \\ 135 \cdot 25 \end{array}$	$\begin{array}{c} 135 \cdot 15 \\ 135 \cdot 15 \\ 135 \cdot 20 \\ 135 \cdot 30 \\ 135 \cdot 25 \end{array}$	134 · 85 134 · 70 134 · 65 134 · 65 134 · 65	$\begin{array}{c} 133 \cdot 95 \\ 134 \cdot 00 \\ 134 \cdot 10 \\ 134 \cdot 30 \\ 134 \cdot 20 \end{array}$	133 · 75 134 · 10 134 · 05 134 · 00 133 · 75	$\begin{array}{c} 134 \cdot 40 \\ 134 \cdot 40 \\ 134 \cdot 30 \\ 134 \cdot 20 \\ 134 \cdot 10 \end{array}$	$\begin{array}{c} 134 \cdot 35 \\ 134 \cdot 15 \\ 134 \cdot 20 \\ 134 \cdot 20 \\ 134 \cdot 20 \end{array}$	133 · 50 133 · 95 133 · 95 133 · 95 134 · 25	$\begin{array}{c} 134\cdot 05 \\ 134\cdot 05 \\ 134\cdot 25 \\ 134\cdot 15 \\ 134\cdot 25 \end{array}$	133 - 15 133 - 25 133 - 65 133 - 66 133 - 76
16. 17. 18. 19. 20.	$\begin{array}{c} 135 \cdot 30 \\ 135 \cdot 25 \\ 135 \cdot 25 \\ 135 \cdot 40 \\ 135 \cdot 40 \end{array}$	$\begin{array}{c} 134 \cdot 95 \\ 135 \cdot 00 \\ 135 \cdot 15 \\ 135 \cdot 25 \\ 135 \cdot 20 \end{array}$	$\begin{array}{c} 135 \cdot 30 \\ 135 \cdot 25 \\ 135 \cdot 25 \\ 135 \cdot 15 \\ 135 \cdot 15 \end{array}$	$\begin{array}{c} 135 \cdot 15 \\ 135 \cdot 10 \\ 135 \cdot 05 \\ 135 \cdot 15 \\ 135 \cdot 10 \end{array}$	134 · 65 134 · 65 134 · 65 134 · 55 134 · 60	133 · 95 134 · 00 133 · 95 133 · 95 133 · 80	133 · 80 133 · 75 133 · 80 133 · 80 133 · 65	$\begin{array}{c} 133 \cdot 95 \\ 134 \cdot 00 \\ 134 \cdot 20 \\ 134 \cdot 10 \\ 134 \cdot 25 \end{array}$	$\begin{array}{c} 134 \cdot 05 \\ 134 \cdot 40 \\ 134 \cdot 25 \\ 134 \cdot 15 \\ 134 \cdot 25 \end{array}$	$\begin{array}{c} 134\cdot00 \\ 135\cdot20 \\ 135\cdot00 \\ 135\cdot15 \\ 135\cdot45 \end{array}$	134 · 35 134 · 80 135 · 05 134 · 95 134 · 35	133-65 133-55 133-95 133-85 133-78
21	135·35 135·35 135·30 135·25 135·25	135 · 15 135 · 15 135 · 15 135 · 15 135 · 25	$\begin{array}{c} 135 \cdot 20 \\ 135 \cdot 15 \end{array}$	135 · 00 134 · 95 134 · 95 134 · 95 134 · 95	134 · 40 134 · 45 134 · 55 134 · 65 134 · 70	133 · 85 134 · 15 134 · 15 134 · 05 133 · 95	134 · 05 134 · 10 134 · 05 134 · 15 134 · 15	134 · 20 134 · 25 134 · 55 134 · 55 134 · 40	$\begin{array}{c} 134 \cdot 25 \\ 134 \cdot 20 \\ 133 \cdot 85 \\ 133 \cdot 80 \\ 134 \cdot 10 \end{array}$	$135 \cdot 45$ $134 \cdot 80$ $135 \cdot 40$ $135 \cdot 55$ $135 \cdot 20$	134 · 35 133 · 95 133 · 75 133 · 80 133 · 75	134 · 36 134 · 45 134 · 20 134 · 00 133 · 95
26	135·25 135·25 135·20 135·10 135·10	$\begin{array}{c} 135 \cdot 25 \\ 135 \cdot 15 \\ 135 \cdot 15 \\ 135 \cdot 25 \\ 135 \cdot 20 \\ 135 \cdot 25 \end{array}$	135·15 135·15 135·15 135·15 135·15	134 · 95 134 · 95 134 · 95 134 · 95 134 · 95 134 · 85	$\begin{array}{c} 134\cdot 60 \\ 134\cdot 65 \\ 134\cdot 65 \\ 134\cdot 65 \\ 134\cdot 60 \\ 134\cdot 70 \end{array}$	134 · 05 134 · 20 134 · 25 134 · 15 134 · 00	$\begin{array}{c} 133 \cdot 80 \\ 134 \cdot 05 \\ 133 \cdot 85 \\ 134 \cdot 05 \\ 134 \cdot 10 \\ 133 \cdot 95 \end{array}$	134 · 25 134 · 00 133 · 95 133 · 95 134 · 00	$\begin{array}{c} 133 \cdot 60 \\ 133 \cdot 85 \\ 133 \cdot 95 \\ 134 \cdot 15 \\ 134 \cdot 15 \\ 134 \cdot 10 \\ \end{array}$	134 - 45	133 · 85 133 · 40 133 · 35	134 · 10 134 · 85 134 · 45 135 · 05 134 · 95 134 · 95

6 GEORGE V. A. 1915

Elevations above M.S.L., of St. Lawrence River at Rouge River Wharf, Coteau du Lac, for 1914-15.

TABLE No. 607

										TZ	ABLE N	NO. 607.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	134 · 95 135 · 15 135 · 20 135 · 55 135 · 40	135 · 55 135 · 60 135 · 65 135 · 55 135 · 45	135 · 25 135 · 25 135 · 25 135 · 15 135 · 15	135 · 25 135 · 15 135 · 15 135 · 25 135 · 20	134 · 85 134 · 85 134 · 85 134 · 80 134 · 75	134·75 134·85 134·85 134·85 134·85	134·35 134·35 134·35 134·35	134 · 10 134 · 05 134 · 00 134 · 25 134 · 15	133·95 133·95 134·05 133·95 133·65	134 · 80 135 · 00 134 · 75 134 · 65 134 · 75	135·45 133·95 133·75 133·80 133·80	134 · 35 134 · 25 134 · 25 134 · 35 134 · 40
6	135 · 35 · 135 · 15 134 · 95 134 · 95 135 · 30	135 · 45 135 · 35 133 · 35 135 · 35 135 · 45	$\begin{array}{c} 135 \cdot 15 \\ 135 \cdot 15 \\ 135 \cdot 15 \\ 135 \cdot 15 \\ 135 \cdot 25 \end{array}$	$\begin{array}{c} 135 \cdot 35 \\ 135 \cdot 05 \\ 135 \cdot 15 \\ 135 \cdot 05 \\ 135 \cdot 10 \end{array}$	134 · 70 134 · 65 134 · 65 134 · 75 134 · 65	134 · 85 134 · 85 134 · 85 134 · 75 134 · 75	$\begin{array}{c} 134 \cdot 30 \\ 134 \cdot 15 \\ 134 \cdot 15 \\ 134 \cdot 25 \\ 134 \cdot 25 \end{array}$	$\begin{array}{c} 134\cdot05 \\ 134\cdot15 \\ 134\cdot15 \\ 134\cdot05 \\ 133\cdot90 \end{array}$	$133 \cdot 55$ $133 \cdot 45$ $133 \cdot 30$ $133 \cdot 25$ $133 \cdot 45$	134 · 90 134 · 10 134 · 05 134 · 15 134 · 20	134 · 15 133 · 75 133 · 55 133 · 45 133 · 55	134 · 35 134 · 25 134 · 25 134 · 25 134 · 25
11 12 13 14 15	135 · 15 135 · 70 135 · 85 135 · 40 135 · 40	$\begin{array}{c} 135 \cdot 45 \\ 135 \cdot 25 \\ 135 \cdot 15 \\ 135 \cdot 25 \\ 135 \cdot 25 \end{array}$	$\begin{array}{c} 135 \cdot 20 \\ 135 \cdot 20 \\ 135 \cdot 25 \\ 135 \cdot 25 \\ 135 \cdot 25 \end{array}$	$\begin{array}{c} 133 \cdot 15 \\ 135 \cdot 15 \\ 135 \cdot 10 \\ 135 \cdot 10 \\ 135 \cdot 10 \end{array}$	$134 \cdot 75$ $134 \cdot 65$ $134 \cdot 65$ $134 \cdot 75$ $134 \cdot 75$	$\begin{array}{c} 134 \cdot 65 \\ 134 \cdot 65 \\ 134 \cdot 55 \\ 134 \cdot 55 \\ 134 \cdot 55 \end{array}$	$\begin{array}{c} 134 \cdot 25 \\ 134 \cdot 55 \\ 134 \cdot 25 \\ 134 \cdot 05 \\ 134 \cdot 05 \end{array}$	133 · 75 134 · 05 133 · 80 134 · 05 133 · 95	133 · 85 133 · 85 133 · 85 134 · 10 134 · 35	134 · 10 133 · 95 133 · 65 134 · 15 134 · 15	134 · 15 134 · 40 134 · 10 133 · 85 133 · 85	$\begin{array}{c} 134 \cdot 25 \\ 134 \cdot 15 \\ 134 \cdot 25 \\ 134 \cdot 35 \\ 134 \cdot 35 \end{array}$
16 17 18 19 20	135 · 05 135 · 35 135 · 45 135 · 60 135 · 60	$135 \cdot 35$	$\begin{array}{c} 135 \cdot 25 \\ 135 \cdot 20 \\ 135 \cdot 15 \\ 135 \cdot 25 \\ 135 \cdot 25 \end{array}$	$\begin{array}{c} 135 \cdot 10 \\ 135 \cdot 10 \\ 135 \cdot 15 \\ 135 \cdot 10 \\ 135 \cdot 15 \end{array}$	134.75 134.65 134.75 134.75 134.65	134 · 55 134 · 55 134 · 55 134 · 55 134 · 55	134 · 05 134 · 05 134 · 15 134 · 05 134 · 25	$\begin{array}{c} 134 \cdot 25 \\ 134 \cdot 10 \\ 134 \cdot 15 \\ 134 \cdot 15 \\ 133 \cdot 95 \end{array}$	134 · 35 134 · 25 134 · 15 133 · 95 134 · 45	133 · 75 134 · 15 133 · 95 133 · 80 133 · 85	134 · 05 133 · 95 133 · 95 134 · 05 134 · 05	134 · 35 134 · 35 134 · 10 134 · 25 134 · 25
21 22 23 24 25	135 · 55 135 · 45 135 · 50 135 · 55 135 · 45	$\begin{array}{c} 135 \cdot 45 \\ 135 \cdot 35 \\ 135 \cdot 35 \\ 135 \cdot 35 \\ 135 \cdot 35 \end{array}$	$\begin{array}{c} 135 \cdot 20 \\ 135 \cdot 15 \end{array}$	$\begin{array}{c} 135 \cdot 05 \\ 135 \cdot 05 \\ 135 \cdot 10 \\ 135 \cdot 10 \\ 135 \cdot 15 \end{array}$	134 · 65 134 · 75 134 · 75 134 · 75 134 · 75	$\begin{array}{c} 134.55 \\ 134.55 \\ 134.55 \\ 134.55 \\ 134.55 \\ 134.55 \end{array}$	134 · 25 134 · 25 134 · 15 134 · 25 134 · 25	$\begin{array}{c} 134\cdot05 \\ 134\cdot05 \\ 134\cdot05 \\ 134\cdot05 \\ 134\cdot05 \\ 134\cdot05 \end{array}$	$134 \cdot 65$ $134 \cdot 25$ $133 \cdot 85$ $133 \cdot 75$ $133 \cdot 65$	133 · 85 133 · 95 134 · 15 134 · 15 134 · 05	133 · 95 134 · 15 133 · 95 133 · 65 134 · 00	134 · 15 134 · 05 134 · 05 134 · 15 134 · 25
26 27 28 29 30 31	135 · 50 135 · 55 135 · 50 135 · 55 135 · 55	135 · 35 135 · 35 135 · 30 135 · 25 135 · 25 135 · 25	135 · 15 135 · 05 134 · 90 134 · 95 135 · 15	135 · C5 135 · 15 134 · 75 134 · 80 134 · 85 134 · 85	134 · 65 134 · 55 134 · 45 134 · 45 134 · 75 134 · 75	134 · 55 134 · 45 134 · 45 134 · 45 134 · 35	$\begin{array}{c} 134 \cdot 20 \\ 134 \cdot 25 \\ 134 \cdot 25 \\ 134 \cdot 15 \\ 134 \cdot 15 \\ 134 \cdot 20 \end{array}$	134·05 134·05 134·05 133·95 134·00	133 · 65 133 · 60 134 · 60 134 · 75 134 · 35 134 · 25	134 - 25	134 · 25 134 · 25 134 · 25	134 · 45 134 · 45 134 · 45 134 · 35 134 · 35 134 · 25

Elevations above M.S.L., of St. Lawrence River at Cedars Village, for 1911-12.

TABLE No. 608. 126.05 126-05 126-25 125-95 126 - 15 $126 \cdot 25$ 125 - 25 125-65 126 · 15 126 · 05 126 - 25 20 125.95 125 · 65 125 · 75 $125 \cdot 35 \\ 125 \cdot 35 \\ 125 \cdot 35$ $125 \cdot 25$ $125 \cdot 25$ $125 \cdot 65$ 126 - 15 126.55 125 · 35 125 · 35 125 · 25 125 · 25 $\begin{array}{c} 125 \cdot 45 \\ 125 \cdot 25 \\ 125 \cdot 15 \\ 125 \cdot 55 \end{array}$ 126.35 126 · 05 125 · 95 125 · 95

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L., of St. Lawrence River at Cedars Village, for 1912-13.

TABLE No. 609.

				_								
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	125 · 55 125 · 45 125 · 65 125 · 85 126 · 05	127 · 05 126 · 95 127 · 05 126 · 95 126 · 85	128-45 128-15 128-15 127-95 127-85	127 · 05 127 · 15 127 · 15 127 · 05 127 · 05	126·95 126·85 126·75 126·75 126·75	126 · 55 126 · 55 126 · 55 126 · 65 126 · 55	126 · 59 126 · 69 126 · 69 126 · 59 126 · 59	126·34 126·44 126·19 126·29 126·39	126 · 64 126 · 49 126 · 84 126 · 89 126 · 64	126·54 126·39 126·59 126·99 126·79	127 · 59 127 · 39 127 · 59 127 · 14 127 · 64	127 · 49 127 · 59 127 · 24 126 · 84 126 · 54
6	$\begin{array}{c} 126 \cdot 25 \\ 127 \cdot 25 \\ 127 \cdot 85 \\ 127 \cdot 55 \\ 127 \cdot 25 \end{array}$	$\begin{array}{c} 126 \cdot 95 \\ 126 \cdot 85 \\ 126 \cdot 85 \\ 126 \cdot 85 \\ 126 \cdot 95 \end{array}$	$\begin{array}{c} 127 \cdot 65 \\ 127 \cdot 65 \\ 127 \cdot 65 \\ 127 \cdot 55 \\ 127 \cdot 55 \\ 127 \cdot 55 \end{array}$	$\begin{array}{c} 127 \cdot 05 \\ 127 \cdot 15 \\ 127 \cdot 05 \\ 127 \cdot 05 \\ 127 \cdot 15 \end{array}$	$\begin{array}{c} 126\cdot 95 \\ 126\cdot 85 \\ 126\cdot 75 \\ 126\cdot 75 \\ 126\cdot 85 \end{array}$	$\begin{array}{c} 126\cdot 65 \\ 126\cdot 55 \\ 126\cdot 65 \\ 126\cdot 75 \\ 126\cdot 65 \end{array}$	$\begin{array}{c} 126 \cdot 49 \\ 126 \cdot 49 \\ 126 \cdot 54 \\ 126 \cdot 34 \\ 126 \cdot 24 \end{array}$	126-49 126-44 126-79 126-74 126-64	$\begin{array}{c} 127 \cdot 24 \\ 127 \cdot 49 \\ 127 \cdot 54 \\ 127 \cdot 04 \\ 127 \cdot 14 \end{array}$	$\begin{array}{c} 126 \cdot 59 \\ 126 \cdot 34 \\ 126 \cdot 39 \\ 126 \cdot 04 \\ 126 \cdot 09 \end{array}$	127 · 49 127 · 29 127 · 79 127 · 64 127 · 49	126 · 64 126 · 34 126 · 79 126 · 44 126 · 54
11 12 13 14 15	127 · 25 127 · 35 127 · 15 126 · 85 126 · 95	$\begin{array}{c} 126 \cdot 95 \\ 127 \cdot 05 \\ 127 \cdot 05 \\ 126 \cdot 95 \\ 127 \cdot 05 \end{array}$	$\begin{array}{c} 127 \cdot 55 \\ 127 \cdot 55 \\ 127 \cdot 45 \\ 127 \cdot 35 \\ 127 \cdot 25 \end{array}$	$\begin{array}{c} 127 \cdot 05 \\ 126 \cdot 95 \\ 127 \cdot 05 \\ 127 \cdot 05 \\ 126 \cdot 95 \end{array}$	126.95 126.85 126.95 126.85 126.65	$\begin{array}{c} 126 \cdot 75 \\ 126 \cdot 65 \\ 126 \cdot 55 \\ 126 \cdot 55 \\ 126 \cdot 65 \end{array}$	$\begin{array}{c} 126 \cdot 09 \\ 126 \cdot 29 \\ 126 \cdot 59 \\ 126 \cdot 59 \\ 126 \cdot 39 \end{array}$	126 · 69 126 · 39 126 · 64 126 · 54 126 · 74	$\begin{array}{c} 127 \cdot 04 \\ 126 \cdot 89 \\ 126 \cdot 74 \\ 126 \cdot 64 \\ 126 \cdot 64 \end{array}$	126·39 126·79 126·49 127·34 127·39	127·39 127·59 127·99 127·69 127·89	126 · 34 126 · 49 126 · 34 126 · 49 127 · 34
16	127 · 25 127 · 35 127 · 35 127 · 65 127 · 55	$\begin{array}{c} 127\cdot05\\ 126\cdot85\\ 127\cdot15\\ 127\cdot25\\ 127\cdot15\\ \end{array}$	127 · 45 127 · 45 127 · 45 127 · 45 127 · 45	$\begin{array}{c} 127\cdot05\\ 127\cdot05\\ 126\cdot75\\ 126\cdot85\\ 126\cdot95\\ \end{array}$	126 · 65 126 · 65 126 · 65 126 · 65 126 · 55	126-65 126-65 126-55 126-55 126-45	126·39 126·49 126·29 126·44 126·44	126 · 69 126 · 64 126 · 74 126 · 74 126 · 84	$\begin{array}{c} 126 \cdot 54 \\ 126 \cdot 69 \\ 126 \cdot 24 \\ 126 \cdot 74 \\ 126 \cdot 59 \end{array}$	127 · 29 127 · 04 127 · 44 127 · 74 127 · 64	127 · 49 127 · 59 127 · 99 127 · 09 127 · 24	127 · 99 127 · 59 127 · 19 127 · 29 127 · 49
21 22 23 24 25.	127 · 35 127 · 25 127 · 45 127 · 25 127 · 45	127 · 05 127 · 95 127 · 25 127 · 45 127 · 65	127 · 35 127 · 25 127 · 35 127 · 35 127 · 45	126 · 95 126 · 75 126 · 85 126 · 95 127 · 05	126 · 65 126 · 65 126 · 65 126 · 65 126 · 75	126 · 65 126 · 65 126 · 65 126 · 65 126 · 75	126·19 126·24 126·14 126·24 126·24	126 · 69 126 · 59 126 · 34 125 · 89 126 · 59	$\begin{array}{c} 126 \cdot 34 \\ 126 \cdot 14 \\ 126 \cdot 49 \\ 126 \cdot 59 \\ 126 \cdot 44 \end{array}$	$\begin{array}{c} 127 \cdot 69 \\ 127 \cdot 84 \\ 127 \cdot 94 \\ 127 \cdot 54 \\ 127 \cdot 44 \end{array}$	127 · 59 127 · 49 127 · 64 127 · 79 127 · 89	127 · 84 128 · 49 127 · 99 127 · 84 127 · 89
26 27 28 29 30 31	127·35 127·75 127·35 127·05 127·05	$\begin{array}{c} 127\cdot 65 \\ 127\cdot 55 \\ 127\cdot 45 \\ 127\cdot 45 \\ 127\cdot 45 \\ 127\cdot 45 \\ 128\cdot 45 \end{array}$	127 · 35 127 · 15 127 · 25 127 · 25 127 · 15 127 · 25	$\begin{array}{c} 126\cdot 95 \\ 126\cdot 85 \\ 127\cdot 05 \\ 127\cdot 05 \\ 126\cdot 95 \\ 126\cdot 85 \end{array}$	126·75 126·85 126·85 126·75 126·75 126·55	126.75 126.85 126.75 126.65 126.75	$\begin{array}{c} 126 \cdot 24 \\ 126 \cdot 34 \\ 126 \cdot 44 \\ 126 \cdot 24 \\ 126 \cdot 34 \\ 126 \cdot 54 \end{array}$	126 · 54 126 · 64 126 · 69 126 · 49 126 · 79	$\begin{array}{c} 126 \cdot 49 \\ 126 \cdot 59 \\ 126 \cdot 44 \\ 126 \cdot 54 \\ 126 \cdot 44 \\ 126 \cdot 44 \\ 126 \cdot 49 \end{array}$	127 · 44 127 · 59 127 · 14 127 · 64 127 · 54 127 · 34		127 · 99 127 · 94 128 · 19 128 · 24 128 · 19 128 · 79

Elevations above M.S.L., of St. Lawrence River at Cedars Village, for 1913-14.

									TA	BLE No	610.
1	129 · 10 128 · 90 128 · 20 128 · 00 129 · 10	127 · 80 12 127 · 70 12 127 · 65 12	8·00 127·70 8·00 127·70 7·90 127·65 7·80 127·55 7·80 127·70	127 · 35 127 · 35 127 · 40 127 · 45 127 · 30	127 · 20 127 · 05 127 · 05 127 · 25 127 · 25	127 · 70 127 · 75 127 · 65 127 · 75 127 · 65	127 · 65 127 · 25 127 · 35 127 · 25 127 · 25	127 · 85 127 · 95 128 · 10 128 · 20 128 · 20	128·10 128·05 128·35 128·50 128·65	128·45 128·75 128·70 128·75 128·65	127 · 60 127 · 70 127 · 65 127 · 70 127 · 85
6	$\begin{array}{c} 129\cdot 10 \\ 128\cdot 80 \\ 128\cdot 40 \\ 128\cdot 15 \\ 127\cdot 80 \end{array}$	127 · 75 12 127 · 65 12 127 · 65 12	7 · 80 127 · 70 7 · 80 127 · 75 7 · 80 127 · 70 7 · 90 127 · 65 8 · 00 127 · 75	127 · 25 127 · 15 127 · 25 127 · 25 127 · 35	$\begin{array}{c} 126 \cdot 95 \\ 127 \cdot 25 \\ 127 \cdot 10 \\ 126 \cdot 70 \\ 126 \cdot 75 \end{array}$	127 · 75 127 · 85 127 · 80 127 · 85 127 · 75	$\begin{array}{c} 127 \cdot 25 \\ 127 \cdot 10 \\ 127 \cdot 05 \\ 127 \cdot 05 \\ 127 \cdot 05 \\ 127 \cdot 30 \end{array}$	$\begin{array}{c} 128 \cdot 25 \\ 128 \cdot 25 \\ 128 \cdot 35 \\ 128 \cdot 70 \\ 128 \cdot 55 \end{array}$	$\begin{array}{c} 128 \cdot 45 \\ 128 \cdot 55 \\ 128 \cdot 05 \\ 127 \cdot 90 \\ 127 \cdot 95 \end{array}$	$\begin{array}{c} 128 \cdot 55 \\ 129 \cdot 20 \\ 128 \cdot 85 \\ 128 \cdot 75 \\ 128 \cdot 70 \end{array}$	$\begin{array}{c} 127 \cdot 70 \\ 127 \cdot 60 \\ 127 \cdot 35 \\ 127 \cdot 45 \\ 127 \cdot 55 \end{array}$
11	$\begin{array}{c} 127 \cdot 85 \\ 127 \cdot 95 \\ 128 \cdot 05 \\ 128 \cdot 00 \\ 127 \cdot 90 \end{array}$	$127 \cdot 65$ 12 $127 \cdot 70$ 12 $127 \cdot 70$ 12	8·05 127·60 7·85 127·65 7·95 127·75 7·95 127·80 7·75 127·70	127·35 127·25 127·20 127·20 127·25	126.75 126.85 126.75 126.80 126.70	127 · 80 127 · 65 127 · 60 127 · 80 127 · 75	$\begin{array}{c} 127 \cdot 80 \\ 127 \cdot 60 \\ 127 \cdot 45 \\ 127 \cdot 55 \\ 127 \cdot 45 \end{array}$	128 · 45 128 · 45 128 · 55 128 · 35 128 · 45	$\begin{array}{c} 127 \cdot 95 \\ 128 \cdot 10 \\ 128 \cdot 15 \\ 128 \cdot 30 \\ 127 \cdot 8 \end{array}$	128 · 45 128 · 60 128 · 95 128 · 35 128 · 75	127 · 95 127 · 80 128 · 20 128 · 20
16	$\begin{array}{c} 127\cdot 95 \\ 127\cdot 75 \\ 127\cdot 80 \\ 127\cdot 95 \\ 127\cdot 80 \end{array}$	127 · 55 12 127 · 65 12 127 · 80 12	7 · 90 127 · 60 7 · 75 127 · 55 7 · 75 127 · 65 7 · 70 127 · 55 7 · 65 127 · 55	127 · 20 127 · 20 127 · 15 126 · 95 126 · 75	$\begin{array}{c} 126 \cdot 65 \\ 127 \cdot 55 \\ 127 \cdot 80 \\ 127 \cdot 70 \\ 127 \cdot 65 \end{array}$	127 · 75 126 · 65 126 · 55 126 · 65 126 · 75	$\begin{array}{c} 127 \cdot 35 \\ 127 \cdot 50 \\ 127 \cdot 65 \\ 127 \cdot 60 \\ 127 \cdot 90 \end{array}$	128 · 65 128 · 55 128 · 40 128 · 20 128 · 35	128 · 45 128 · 85 128 · 50 129 · 10 129 · 40	129 · 50 129 · 90 129 · 70	
21	127 · 95 127 · 85 127 · 85 127 · 75 127 · 85	127 · 65 12 127 · 70 12 127 · 75 12	7 · 65 127 · 55 7 · 65 127 · 55 7 · 75 127 · 55 7 · 70 127 · 55 7 · 55 127 · 50	126 · 80 127 · 15 127 · 20 127 · 15 127 · 20	$\begin{array}{c} 127 \cdot 75 \\ 127 \cdot 80 \\ 127 \cdot 90 \\ 127 \cdot 85 \\ 127 \cdot 70 \end{array}$	126-90 126-85 126-95 126-85 127-80	$\begin{array}{c} 127 \cdot 75 \\ 127 \cdot 85 \\ 128 \cdot 25 \\ 128 \cdot 20 \\ 128 \cdot 10 \\ \end{array}$		129.00 129.00 129.55	128 · 9: 128 · 35 128 · 15	
26	127 · 65 127 · 75 127 · 75 127 · 55 127 · 60	127 · 65 12 127 · 75 12 127 · 75 12	7·60 127·45 7·70 127·45 7·65 127·56 7·55 127·45 7·70 127·45 127·35	127 · 15 127 · 20 127 · 10 126 · 90 127 · 30 127 · 15	127 · 80 127 · 75 127 · 80 127 · 55 127 · 65	$\begin{array}{c} 127 \cdot 95 \\ 128 \cdot 00 \\ 127 \cdot 90 \\ 127 \cdot 30 \\ 127 \cdot 15 \\ 127 \cdot 30 \end{array}.$	127 · 95 127 · 55 127 · 65 127 · 75 127 · 75	$\begin{array}{c} 128 \cdot 15 \\ 128 \cdot 25 \\ 128 \cdot 15 \\ 128 \cdot 16 \\ 128 \cdot 16 \\ 128 \cdot 20 \\ \end{array}$	$\begin{array}{c} 128\cdot 60 \\ 128\cdot 55 \\ 129\cdot 25 \\ 129\cdot 20 \\ 129\cdot 15 \\ 128\cdot 60 \end{array}$	127·70 127·65	

6 GEORGE V. A. 1916 ELEVATIONS above M.S.L., of St. Lawrence River at Cedars Village, for 1914-15

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1			129·80 129·60	129·80 129·85	129·35 129·35	129·56 129·56	128 · 96 128 · 96	128 · 20 128 · 20	128·50 128·60	129·20 129·60	128·30 128·50	128·2 128·3
3 4 5		130 - 20	129 · 60 129 · 80 129 · 90	129 · 85 129 · 90 129 · 90	129·35 129·35 129·35	129·56 129·56 129·51	128 · 91 128 · 91 128 · 96	128 · 15 128 · 40 128 · 25	128 · 40 128 · 20 128 · 20	129 · 90 128 · 90 129 · 90	128 · 55 127 · 80 128 · 10	128 · 3 128 · 0 127 · 9
3		130 · 20 130 · 10	129·90 129·90	129·90 129·90	129·35 129·35	129·56 129·56	128 · 86 128 · 81	128·20 128·10	127 · 90 127 · 60	130 · 00 129 · 60	128·10 127·90	128·1 128·3
3		130 · 10 130 · 10 130 · 10	129 · 90 129 · 90 129 · 95	129 · 90 129 · 90 129 · 90	129·35 129·35 129·35	129·51 129·36 129·31	128 · 81 128 · 81 128 · 81	128 · 10 128 · 20 128 · 10	127 · 60 127 · 70 127 · 70	129 · 46 129 · 20 128 · 50	128 · 20 128 · 20 128 · 00	128 · 2 128 · 2 128 · 3
		130 · 10 130 · 10	129·90 129·90	129·80 129·80	129·35 129·40	129·26 129·21	128·81 128·81	128·30 128·40	128·00 128·40	128·00 127·80	127 · 80 127 · 70	128 · 2 128 · 2
3		130 · 10 130 · 00 130 · 00	129 · 90 129 · 90 129 · 90	129·70 129·60 129·60	129 · 40 129 · 40 129 · 51	129·21 129·21 129·21	128 · 81 128 · 71 128 · 71	128 · 30 128 · 40 128 · 25	128 · 30 128 · 40 128 · 50	127-90 127-95 128-30	127 · 70 127 · 80 128 · 00	128 · 2 128 · 0 128 · 0
}		130 · 00 130 · 10	129·90 129·90	129-60 129-60	129·51 129·51	129·21 129·11	128 · 66 128 · 66	128-60 129-10	128·50 128·50	128 · 20 127 · 70	128·10 127·70	128-3
3		130 · 00 130 · 00 130 · 00	129 · 90 129 · 90 129 · 90	129 · 60 129 · 60 129 · 60	129·51 129·51 129·51	129·11 129·11 129·11	128 · 66 128 · 76 128 · 81	128·40 128·50	128 · 50 128 · 65 128 · 65	127 · 60 127 · 75 127 · 70	127 · 70 127 · 70 127 · 80	128 · 2 128 · 3 128 · 4
		130 · 00 129 · 90	129-90 129-90	129-60 129-65	129·46 129·51	129·01 129·01	128·81 128·91	128·50 128·60	129 · 00 129 · 20	127 · 80 127 · 80	128-00 128-00	128-4
		129-90 130-00 130-00	129-90 129-90 129-90	129 · 65 129 · 65 129 · 65	129·51 129·51 129·51	129·01 129·11 129·11	128-81	128·70 128·60 128·55	129 · 20 129 · 40 129 · 00	128 · 30 128 · 30 128 · 35	128 · 10 128 · 00 127 · 70	128 · 4 128 · 2 128 · 2
		130 · 00 130 · 00	129·90 129·90	129·60 129·50	129·51 129·51	129·01 129·01	128·86 128·80	128·50 128·50	128·90 128·90	128 · 40 128 · 40	127·70 127·60	128 · 0 128 · 2
		130 -00 129 - 90 129 - 90	129 · 80 129 · 90 129 · 90	129·40 129·35 129·35	129·51 129·51 129·56	128 · 96 128 · 96 128 · 96	128 · 90 128 · 90 128 · 10	128 · 40 128 · 40 128 · 50	128 · 80 128 · 80 128 · 70	128·35 128·30	127 - 80	128 · 0 128 · 0 128 · 0
		130.00		129.35	129.56		128 - 10		128 - 90			128-2

Elevations above M.S.L., of St. Lawrence River at St. Timothée, for 1912-13.

		TABLE No. 612.
1 2 4 5	100 · 91 100 · 86 100 · 96 101 · 01 100 · 86 101 · 31 100 · 96 101 · 41 101 · 06 101 · 36	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
6	100·96 101·41 100·91 101·46 101·16 101·36 101·31 101·36 101·21 101·36	
11. 12. 101-01. 15. 101-01. 15. 101-01. 15. 101-06.	101·26 101·36 101·16 101·21 100·76 101·11 100·91 101·11 101·21 100·91	100-86 100-86 100-56 101-86 100-56 100-51 100-66 100-46 100-66 100-81 100-71 100-96 101-16 100-51 101-41
16. 100-91 17. 101-11 18. 100-96 19. 100-96 20. 100-91	101·16 101·01 101·16 100·86 101·21 100·76 101·06 100·96 101·06 101·01	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
21 100-86 22 100-86 23 100-86 24 100-96 25 100-96	$\begin{array}{cccc} 101 \cdot 11 & 100 \cdot 96 \\ 101 \cdot 06 & 100 \cdot 71 \\ 101 \cdot 01 & 101 \cdot 01 \\ 100 \cdot 91 & 100 \cdot 86 \\ 100 \cdot 86 & 100 \cdot 81 \\ \end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
26. 101-05 27. 101-11 28. 101-06 29. 100-91 30. 101-06 31. 101-06	101·11 100·96 101·21 100·91 101·16 100·91 101·06 100·76 101·11 100·96 100·96	101-26 100-76 101-76 101-41 100-91 101-81 101-36 100-91 101-86 100-86 101-91 101-21 101-21

SESSIONAL PAPER No. 19a

Elevations above M.S.L., of St. Lawrence River at P. L. H. & P. Co., Cedars, for 1912–13.

TABLE No. 613. Day. April. May. June. July. Aug. Oct. Sept. Nov. Dec. Jan. Feb. March. 95 - 10 95.80 96-70 96-00 95·70 95·80 95·90 96.00 95·70 95·70 95·70 95·40 95·45 95 · 60 95 · 55 95 · 60 95·45 95·45 95·40 95·15 95·20 95·70 95·70 95·70 96-60 96.05 95.95 95·90 95·90 95.40 96·50 96·30 96-10 95 - 90 95.00 96-10 95.80 95 - 85 94.90 95.85 95.80 $\begin{array}{c} 95 \cdot 70 \\ 95 \cdot 70 \\ 95 \cdot 90 \\ 95 \cdot 70 \\ 95 \cdot 70 \end{array}$ 94·90 96·50 96·60 96.10 96.40 95.70 96·20 96·50 96.00 96.00 95·85 95·85 95.90 95.80 95.75 95.80 95.70 95.70 95·45 95·60 96.00 95.55 96.50 96.20 96.40 96.05 $95 \cdot 90$ 95.80 95.60 95-60 95.70 96.10 95.70 96·10 95·95 95·80 95·90 96·40 96·20 96·30 96.15 96.00 95·80 95·70 95·70 95·40 95·60 95·70 95·70 95·40 95·40 95.90 12 13 14 95.60 96-10 95.60 96.00 95.95 96.00 95·70 95·70 95·75 95.90 95.70 95-60 96.05 96.00 95.90 95.70 95 · 60 95 · 60 95 · 50 95-60 96.00 95-60 96.30 96.00 95.90 95.90 95·90 95·90 96-20 96-25 96.30 96·10 95·90 95.90 96.00 95.70 96.20 95-90 95.90 96-30 95.90 96.10 95.60 95-80 96-30 96-15 98,66 95.80 05.00 95-60 95-60 96-10 95-90 95-80 95·50 95·60 96.20 96-10 95·80 95·80 95·60 95·55 95·60 95·60 96.55 95·60 95·60 95·50 95.90 96·40 96·30 96.40 96.10 96.05 96-60 96.40 96.10 96.40 96-00 96-10 96·00 96·20 96·10 96·15 95·90 96·00 95.95 95.80 95·90 95·80 95·70 96.60 95·50 95·50 95 · 60 95 · 70 96.40 96·70 96·70 96·90 95·90 95·95 95.90 96.10 96.30 95-90 96.70 95.70 96.25 96.70 31..... 96-00 $96 \cdot 20$ 95 - 40

ELEVATIONS above M.S.L., of St. Lawrence River at P. L. H. & P. Co., Cedars, for 1913-14.

				_						TABL	E No. 61	4.
1 2 3 4 5	97 · 20 97 · 00 96 · 70 96 · 60 97 · 20	95 · 80 95 · 70 95 · 70 95 · 80 95 · 60	$\begin{array}{c} 96 \cdot 45 \\ 96 \cdot 30 \\ 96 \cdot 30 \\ 96 \cdot 30 \\ 96 \cdot 40 \end{array}$	$\begin{array}{c} 96 \cdot 20 \\ 96 \cdot 30 \\ 96 \cdot 40 \\ 96 \cdot 40 \\ 96 \cdot 45 \end{array}$	96·25 96·30 96·30 96·30 96·20	96·05 96·05 96·00 96·00 96·00	95·70 95·70 95·70 95·75 95·75	95 · 80 95 · 80 95 · 80 95 · 80 95 · 70	95 · 10 95 · 16 95 · 15		95 · 50 95 · 50 95 · 30 95 · 20 95 · 20	95·30 95·30 95·30 95·30 95·20
6	97-20 96-80 96-80 96-60 96-40	$\begin{array}{c} 95 \cdot 50 \\ 95 \cdot 60 \\ 95 \cdot 60 \\ 95 \cdot 70 \\ 95 \cdot 90 \end{array}$	96·50 96·30 96·25 96·30 96·30	96·50 96·55 96·40 96·40	$\begin{array}{c} 96 \cdot 20 \\ 96 \cdot 20 \\ 96 \cdot 10 \\ 96 \cdot 10 \\ 96 \cdot 10 \end{array}$	95·95 95·90 95·90 95·90 95·80	95·80 95·90 95·90 95·80 95·80	95·70 95·60 95·60 95·70 95·70	95.00 95.00 95.00		95·10 95·10 95·15 95·00 95·00	95·20 95·20 95·10 94·90 94·70
11 12 13 14 15	96·30 96·20 96·30 96·30 96·40	96·10 96·20 96·20 96·30	$\begin{array}{c} 96 \cdot 20 \\ 96 \cdot 30 \\ 96 \cdot 40 \\ 96 \cdot 50 \\ 96 \cdot 55 \end{array}$	96·30 96·35 96·30 96·30 96·30	$96 \cdot 15$ $96 \cdot 10$ $96 \cdot 10$ $96 \cdot 10$ $96 \cdot 00$	95.80 95.80 95.80 95.90 95.70	95·80 95·70 95·70 95·60 95·60	95·80 95·80 95·70 95·70 95·60	95·30 . 95·40 .	95-50	$95 \cdot 00$ $95 \cdot 00$ $95 \cdot 00$ $95 \cdot 10$ $95 \cdot 15$	94·70 94·70 94·70 94·80 94·80
16 17 18 19 20	96·30 96·40 96·40 96·40 96·30	$96 \cdot 30$ $96 \cdot 10$ $96 \cdot 10$ $96 \cdot 20$ $96 \cdot 20$	96·60 96·40 96·20 96·20 96·25	96·20 96·20 96·30 96·30 96·35	$96 \cdot 05$ $95 \cdot 95$ $96 \cdot 00$ $96 \cdot 00$ $95 \cdot 90$	95 · 70 95 · 70 95 · 60 95 · 60 95 · 60	$\begin{array}{c} 95 \cdot 60 \\ 95 \cdot 60 \\ 95 \cdot 60 \\ 95 \cdot 60 \\ 95 \cdot 70 \end{array}$	95·60 95·70 95·50 95·50 95·50	95·30 95·30 95·30 95·20 95·25	$\begin{array}{c} 95 \cdot 40 \\ 95 \cdot 45 \\ 95 \cdot 40 \\ 95 \cdot 40 \\ 95 \cdot 60 \end{array}$	$\begin{array}{c} 95 \cdot 10 \\ 95 \cdot 00 \\ 95 \cdot 20 \\ 95 \cdot 20 \\ 95 \cdot 30 \end{array}$	$\begin{array}{c} 94 \cdot 90 \\ 94 \cdot 90 \\ 94 \cdot 90 \\ 95 \cdot 10 \\ 95 \cdot 20 \end{array}$
21	96·40 96·50 96·40 96·40 96·30	96·20 96·30 96·30 96·30 96·35	96·10 96·10 96·10 96·15 96·10	96·30 96·20 96·10 96·30 96·30	95 · 95 95 · 95 96 · 00 96 · 00 95 · 90	95 · 80 95 · 90 95 · 90 95 · 90 95 · 95	95·70 95·70 95·70 95·70 95·80	$\begin{array}{c} 95 \cdot 40 \\ 95 \cdot 45 \\ 95 \cdot 40 \\ 95 \cdot 40 \\ 95 \cdot 40 \\ \end{array}$	$\begin{array}{c} 95 \cdot 20 \\ 95 \cdot 20 \\ 95 \cdot 20 \\ 95 \cdot 20 \\ 95 \cdot 25 \end{array}$	$\begin{array}{c} 95 \cdot 60 \\ 95 \cdot 70 \\ 95 \cdot 90 \\ 96 \cdot 10 \\ 95 \cdot 90 \end{array}$	$\begin{array}{c} 95 \cdot 30 \\ 95 \cdot 20 \\ 95 \cdot 20 \\ 95 \cdot 25 \\ 95 \cdot 20 \end{array}$	95·20 95·20 95·20 95·10 95·10
26	96·20 96·20 96·10 96·10 95·90	96·40 96·40 96·30 96·40 96·40	96·20 96·30 96·35 96·20 96·20	$\begin{array}{c} 96 \cdot 20 \\ \end{array}$	95·95 95·90 95·90 95·90 95·95 96·00	95.90 95.80 95.80 95.70 95.70	95 · 80 95 · 70 95 · 70 95 · 70 95 · 70 95 · 75	95·40 95·50 95·30 95·30 95·20	$\begin{array}{c} 95 \cdot 10 \\ 95 \cdot 15 \\ 95 \cdot 15 \end{array}$	95.30	95·20 95·30 95·30	$95 \cdot 10$ $95 \cdot 50$ $95 \cdot 60$ $95 \cdot 60$ $95 \cdot 60$ $95 \cdot 50$

6 GEORGE V, A. 1916

Elevations above M.S.L., of St. Lawrence River at P. L. H. & P. Co., Cedars, for 1914–15.

Table No. 615

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	95.70	95-90	95.70	95.90	95-80	95.70	95·40 95·40	95·20 95·25	95·05 95·00	95·20 95·20	95·10 95·10	95.00
34	95·70 95·70 95·70 95·80	95.90 95.80 95.80 95.90	95·70 95·70 95·70 95·80	95-90 95-90 95-90 95-90	95 · 80 95 · 80 95 · 80 95 · 80	95·70 95·70 95·70 95·70	95·40 95·40 95·40	95·20 95·20 95·20	95.00 95.00 94.90	95·20 95·25 95·30	95·00 95·00 95·00	95·00 95·10 95·10 95·10
5 6 7	95·80 95·90	95·80 95·80	95·90 95·90	95 · 90 95 · 90	95·80 95·80	95·70 95·70	95-40 95-40	95·10 95·15	94·90 94·95	95·30 95·00	95·00 94·90	95·00 95·05
8 9	95·90 95·95 96·00	95·80 95·80 95·80	96·00 96·10 96·10	96·00 95·90 95·90	95·80 95·80 95·90	95·70 95·75 95·75	95·40 95·40 95·40	95·10 95·10 95·10	94·90 94·90 94·80	95·00 94·90 94·90	94·90 94·90 94·95	95·10 95·10 95·10
11	96×00 96×00	95·70 95·70	96·10 96·00	95-90 95-90	95·90 95·90	95·70 95·70	95·40 95·40	95·10 95·10	94·80 94·80	94·90 94·90	94 · 95 94 · 90	95·10 95·00
13 14 15	95·90 95·90 95·80	95 · 70 95 · 80 95 · 80	96.00 95.90 95.90	95·90 95·95 95·90	95·90 95·90 95·90	95·70 95·70 95·70	95-40 95-40 95-40	94 · 95 95 · 00 95 · 00	94.90 94.90 94.80	94·70 94·70 94·70	94-90 94-90 94-90	95.00 94.90 95.00
16	95·80 95·70	95·80 95·80	95·90 95·90	95·90 95·90	95·90 95·90	95·70 95·70	95·35 95·35	95·10 95·40	94-80 94-90	94·80 94·90	94·90 94·90	95·10 95·10
18 19 20	95·70 95·70 95·70	95·80 95·80 95·90	95-90 95-90 95-90	95-90 95-90 95-90	95-80 95-70 95-70	95·70 95·70 95·60	95·35 95·30 95·30	95·30 95·20 95·20	94 · 90 94 · 90 94 · 90	94 - 90 94 - 90 94 - 90	94·90 94·90 94·90	95 · 10 95 · 10 95 · 10
21	95·70 95·70	95·90 95·90	96·00 95·90	95-90 96-00	95·70 95·70	95 · 60 95 · 60	95·30 95·30	95 · 20 95 · 10	94 · 80 94 · 80	94·90 95·00	94 · 90 94 · 80	95·00 95·00
23 24 25	95·80 95·80 95·90	95·90 95·90 95·80	95·90 95·90 95·90	96-00 96-00 95-90	95·75 95·75 95·70	95·50 95·50 95·50	95-10	95·00 95·10 95·10	94·80 95·00 95·00	95·05 95·05 95·05	94 · 80 94 · 90 95 · 10	95·10 95·20 95·20
26	95·70 95·70	95·90 95·90	96-00 96-00	95-90 95-90	95·70 95·70	95·50 95·40	95·05 95·05	95·10 95·10	95·10 95·20	95·10 95·10	95·10 95·05	95·20 95·25
28 29 30	95·80 95·80 95·80	95 · 90 95 · 90 95 · 70	96.00 96.00 96.00	95·90 95·90 95·80	95·70 95·70 95·70	95 · 40 95 · 40 95 · 40	95·25 95·20 95·25	95·10 95·10 95·10	95·20 95·20 95·30	95.00	95-00	95·20 95·20 95·20
31		95.70		95 - 80	95.70		95.05		95.30	95-10		95 · 30

ELEVATIONS above M.S.L., of St. Lawrence River at Dumesnil's Point, for 1911-12.

	1911-12.		MIDIT TO A	
			TABLE N	0. 616.
1		92.86 93.16	93.46 92.96	92 - 26
2		92.96 93.06	93.36 92.86	
3		93 - 16 93 - 06	93.36 92.96	
4		93.06 93.06	93 - 46 92 - 96	
5		92 - 86 93 - 06	93 - 56 93 - 06	92.56
6		92 - 96 93 - 06	93.56 93.06	
7		93 - 26 93 - 16	93 - 26 93 - 16	
		93 - 16 93 - 06	93 · 26 92 · 96	
		92.96 93.16	93.86 92.86	
10		93.06 92.96	93 - 66 93 - 16	92.46
		92 - 86 93 - 16	93-36 92-76	92.46
11		92.96 93.06	93.46 92.56	
12		93 - 26 93 - 06	93 - 26 92 - 56	
13	92-86	93 - 26 93 - 16	93.56 92.66	
		93 - 26 93 - 26	93 66 92 66	
15	92.00	95.20 95.20	93.00 92.00	92.50
16	92.96	93 - 26 93 - 26	93 - 76 92 - 56	92.46
17	93.06	93 - 06 93 - 36	93 - 66 92 - 66	
18	93.06	92.96 92.46	93 - 56 92 - 46	
19	93 • 16	93 - 16 92 - 46	93 - 56 92 - 36	
20	93.06	93 - 36 93 - 26	93 - 46 92 - 56	
21	92-86	93 - 26 93 - 26	93 - 26 92 - 46	92 - 46
22	92.86	93 - 26 93 - 16	93 - 26 92 - 36	92.56
23	93 - 16	93.06 93.36	93 - 26 92 - 16	92 - 46
24 .	93 - 26	93 - 16 93 - 16	93 - 26 92 - 06	
25	. 93.06	93 - 06 93 - 26	93 · 26 92 · 16	92.76
26	93.06	93.06 93.36	93 - 26 92 - 26	
27	93 • 06	93 · 16 93 · 36	93.36 92.26	
		92-96 93-26	93.26 92.16	
29		93 - 16 93 - 16	93-06	
30	93-06	93 - 26 93 - 06	93 • 16	92.76
31	92 - 86		93 - 06	92.76

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L., of St. Lawrence River at Dumesnil's Point, for 1912-13.

TABLE No. 617.

									1 ABLE No. 017.			
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	92.86	94 - 16	95-06	94-16	94 - 16	93.76	93 - 96	93 - 96	93.76	93.86		
2	93.06	94-26	94.96	94 - 16	94-16	93-76	93.96	94-06	93.76		94-36	93 - 96
3	93 - 16	94 - 16	95.06	94-26	94-16	93 - 96	94.06	93-86		93 - 76	94 - 16	94.06
4	93 - 16	94-16	94 - 96	94 - 26	94-16	93.96	93 - 96	93.86	93 · 96 94 · 36	93.76	94.06	93.96
5	93.36	93-96	94-96	94 - 26	94-16	93.96	93 - 86			94.06	93.96	93 - 86
J	89.00	99.90	54.50	94.20	94.10	59.30	20.00	93.76	94.36	, 94.16	93.86	93 - 96
6	93.56	93.96	94.76	94.26	94.06	94.06	93.86	93-66	94.26	94-06	93.76	93-86
7	93 - 96	94.06	94.66	94 - 26	94 - 16	93.96	93-96	93 - 76	94 - 26	93-86	93 - 66	93.76
8	94-26	93 - 96	94-96	94 - 26	94-06	94.06	93.96	94.06	94 - 16	94 - 06	93 - 56	93-86
9	94-36	94.06	94.56	94 - 16	94-06	94.06	93 - 86	93 - 96	94.26	94 - 16	93.56	94-06
10	94.76	94.06	94 - 56	94-16	94-06	94.06	93.86	94 - 16	94-26	94.06	93-66	93 - 86
	95-06	93-96	94 - 56	94-26	04.00	04.00	00.00	04.00	04.40	0.4.0-		
11		93 - 96	94.66	94 - 16	94-06	94-06	93-86	94-06	94 - 16	94.06	93-66	93-66
12	95.16				94-16	94.06	93.96	94-06	94-56	94 - 26	93 - 56	93 · 86
13	95.06	94.06	94 - 56	94.06	94-06	94-06	93.96	93 - 86	94 - 16	94.26	93 - 66	93.86
14	94.66	94.16	94 - 46	94.16	94.06	94.06	93-96	93.86	94.06	94.36	93 - 56	94.06
15	94.36	93 - 96	94.36	94 · 16	94.06	93 · 96	93 - 96	94-06	94-06	94.36	93 - 66	94.26
16	94-26	93.96	94.36	94-06	94.06	93.96	93 - 96	94-16	94 - 16	94.46	93 - 76	94 - 46
17	94.36	94 - 16	94-66	94-06	93 - 96	94.06	94.06	94-06	93.96	94 - 26	94 - 16	94.36
18	94 - 46	94 - 46	94 - 56	94-16	93-96	93 - 96	93-86	94-06	94-06	94 - 26	93 - 96	94 - 16
19	94-66	94 - 26	94-46	94.06	93-96	93-96	93-96	93-96	94-06	94-66	94 - 06	93 - 96
20	94 - 56	94.06	94 - 46	94.06	93.96	94.06	93.86	93 - 96	94 - 16	94 - 86	94 - 16	94 - 26
				04.00								
21	94.26	94.06	94.36	94.06	94.06	93 - 96	93 - 76	94.06	94.06	94.96	94-26	94.36
22	94.36	94 · 16	94.36	94 - 16	94.06	93.86	93.76	93 - 96	93 - 86	94.96	94.06	94.66
23	94 - 56	94.36	94.36	94-06	94-06	93 - 86	93.76	93.96	93.86	94-96	94 - 16	94 - 76
24	94 - 36	94.46	94.26	94-06	94-06	93 - 96	93 - 66	93.56	93.76	94.86	94.06	94-96
25	94.56	94.56	94.36	94 - 06	94.06	93 - 86	93.76	93 - 66	93 - 76	94.76	94.06	94 · 86
26	94 - 56	94.46	94-36	94-16	94-06	93-96	93-96	93.76	93.76	94.76	94-16	94.96
27	94.66	94.46	94 - 26	94-06	94-06	94 - 16	93 - 96	93-86	93 - 66	94.76	93 - 96	94.96
28	94.46	94.56	94-26	94-16	94-06	94-16	93 - 96	93 - 76	93 - 86	94-66	94.06	95.06
29	94 - 26	94 - 46	94.26	94-36	94-06	93 - 86	93.76	93 - 66	93.76		94.00	95-16
30	94 - 16	94.96	94 - 16	94 - 26	93-96	93.96	93 - 96	93 - 66	93 - 66			95-16
31	04-10	95-26		94 - 16	93 - 86	50 50	93.96	00 00	93 - 86			95-16
		0.5-20			2.5				00 00	0.00		20.10

Elevations above M.S.L., of St. Lawrence River at Dumesnil's Point, for 1913-14.

					1010	11.				TP A	BLE N	- 010
								4-76		1.5	DLE N	0. 618.
1	95·26 95·26 95·06	94·76 94·66 94·56	94.86 94.96 94.86	94·86 94·76 94·76	94·56 94·66 94·56	94·36 94·26 94·26	93-96 93-96 94-06	94·16 94·06 94·06	93 · 86 93 · 86 93 · 96	93 · 76 93 · 66 93 · 66	93 · 56 93 · 56 93 · 66	92.86 92.76 92.76
5	94·86 95·46	94·56 94·46	94·76 94·86	94·66 94·56	94·66 94·56	94·16 94·06	94·16 93·96	94·16 94·06	94·06 93·96	93·66 93·76	93 · 66 93 · 56	92·86 92·86
6	95·26 95·06 95·16 95·16	94·56 94·56 94·66 94·56	94·96 94·86 94·76 94·66	94 · 86 94 · 76 94 · 66 94 · 76	94·46 94·46 94·46 94·56	93 · 96 94 · 06 94 · 16 94 · 16	93 · 96 93 · 86 93 · 96 93 · 86	94.06 93.96 93.96 93.76	93 · 96 93 · 86 94 · 06 94 · 06	93 · 76 93 · 66 93 · 66 93 · 76	93 · 56 93 · 56 93 · 56 93 · 46	92 · 56 92 · 56 92 · 56 92 · 66
10	94·96 95·06 95·16 94·96	94-66 94-66 94-46	94.86 95.06 94.86 94.96	94·76 94·76 94·66 94·76	94·46 94·36 94·36	94·06 94·16 94·16 94·26	93·86 93·96 93·96 93·96	93 · 86 93 · 96 93 · 96 93 · 86	94·16 94·06 94·06 94·06	93·76 93·66 93·76 93·66	93 · 46 93 · 46 93 · 46 93 · 36	92 · 66 92 · 66 92 · 56 92 · 56
14. 15	94·86 94·86 94·76	94·46 94·46 94·46	94·76 94·66 94·86	94·76 94·66	94·46 94·46	94·26 94·16 94·06	93·86 93·86	93·96 94·06	93·96 93·96	93·56 93·76	93·46 93·26	92·76 92·76 92·76
17. 18. 19. 20.	94.86 94.86 94.86 94.96	94·46 94·66 94·76 94·76	94·86 94·86 94·76 94·66	94.66 94.66 94.76 94.66	94·46 94·26 94·26 94·26	93 · 96 93 · 96 93 · 96 94 · 16	93 · 76 93 · 76 93 · 86 93 · 86	94·16 94·06 93·86 94·16	93 · 86 93 · 86 93 · 86 93 · 76	93 · 86 94 · 06 94 · 06 93 · 96	93·36 93·46 93·6 93·36	92·96 92·96 93·06 93·06 92·96
21 22 23 24 25	94 · 86 94 · 86 94 · 76 94 · 86 94 · 86	94.66 94.56 94.76 94.56 94.76	94·76 94·76 94·76 94·66 94·76	94.66 94.76 94.66 94.56 94.66	94·16 94·16 94·36 94·46 94·36	94·16 94·26 94·26 94·16 94·16	94·16 94·16 94·06 94·16 94·06	93 · 96 94 · 06 94 · 26 94 · 16 94 · 16	93·76 93·86 93·76 93·76 93·76	93·96 94·06 94·06 94·26 93·56	93·36 93·36 93·26 93·16 92·96	92 · 96 93 · 06 93 · 26 93 · 36 93 · 56
26. 27. 28. 29. 30. 31.	94·76 94·66 94·76 94·66 94·76	94-76 94-66 94-76 94-86 94-86 94-66	94-66 94-76 94-66 94-66 94-76	94.76 94.56 91.66 94.66 94.76	94·36 94·46 94·36 94·56 94·46	94·16 94·16 94·26 94·26 94·06	93-96 94-06 94-16 94-06 94-06 93-96	94-06 93-86 93-86 93-76 93-76	93 · 86 93 · 76 93 · 76 93 · 76 93 · 86 93 · 86	93 · 66 93 · 56 93 · 66 93 · 86 93 · 86 93 · 76		93 · 66 93 · 76 94 · 06 93 · 96 93 · 86 93 · 96

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L., of St. Lawrence River at Dumesnil's Point, for 1914-15.

TABLE No. 619.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	93·96 94·06 94·16 94·16 94·36	94·36 94·46 94·46 94·46 94·36	94·26 94·26 94·26 94·16 94·26	94 · 06 94 · 16 94 · 16 94 · 16 94 · 16	93 · 96 93 · 96 93 · 96 93 · 96 93 · 96	93·86 93·96 94·06 94·06 94·16	93 · 76 93 · 66 93 · 66 93 · 46 93 · 46	93·46 93·66 93·66 93·56 93·46	93 · 26 93 · 16 93 · 16 93 · 06 93 · 06	92·96 92·96 93·06 93·06 93·06	92·86 92·76 92·76 92·76 92·76	92·96 93·06 93·16 93·26 93·16
6	94·46 94·56 94·46 94·36 94·46	94·46 94·46 94·36 94·26 94·26	$\begin{array}{c} 94 \cdot 26 \\ 94 \cdot 26 \\ 94 \cdot 16 \\ 94 \cdot 16 \\ 94 \cdot 26 \end{array}$	94·16 94·16 94·06 94·06 94·16	93 · 96 93 · 86 93 · 86 93 · 86 93 · 96	$94 \cdot 16$ $94 \cdot 16$ $94 \cdot 26$ $94 \cdot 26$ $94 \cdot 16$	93·36 93·36 93·36 93·36	93 · 56 93 · 46 93 · 46 93 · 56 93 · 36	92·96 92·86 92·86 92·76 92·76	93 · 16 93 · 36 93 · 26 93 · 16 93 · 06	92·96 92·86 92·76 92·66 92·66	93·16 93·26 93·26
11	$94 \cdot 46$ $94 \cdot 66$ $94 \cdot 46$ $94 \cdot 36$ $94 \cdot 26$	$94 \cdot 16$ $94 \cdot 16$ $94 \cdot 26$ $94 \cdot 26$ $94 \cdot 26$	$\begin{array}{c} 94 \cdot 26 \\ 94 \cdot 26 \\ 94 \cdot 26 \\ 94 \cdot 26 \\ 94 \cdot 36 \end{array}$	94·06 94·06 94·06 94·06	93 · 96 93 · 86 93 · 86 93 · 86 93 · 86	94.06 94.06 94.06 93.96 93.86	$93 \cdot 46$ $93 \cdot 46$ $93 \cdot 36$ $93 \cdot 36$	93·36 93·46 93·36 93·46 93·16	92·86 92·86 92·86 92·96 93·06	92 · 96 92 · 96 92 · 86 92 · 86 92 · 96	92·76 92·86 92·86 92·76 92·86	
16	$94 \cdot 36$ $94 \cdot 36$ $94 \cdot 56$ $94 \cdot 46$ $94 \cdot 36$	$\begin{array}{c} 94 \cdot 16 \\ 94 \cdot 26 \\ 94 \cdot 26 \\ 94 \cdot 16 \\ 94 \cdot 26 \end{array}$	$94 \cdot 26$ $94 \cdot 26$ $94 \cdot 16$ $94 \cdot 16$ $94 \cdot 16$	94·06 94·06 94·16 94·16 94·06	93·86 93·86 93·86 93·86 93·76	93 · 76 92 · 76 93 · 76 93 · 66 93 · 76	$93 \cdot 26$ $93 \cdot 26$ $93 \cdot 46$ $93 \cdot 56$ $93 \cdot 56$	93·36 93·46 93·36 93·26 93·36	$93 \cdot 16$ $93 \cdot 16$ $93 \cdot 26$ $93 \cdot 26$ $93 \cdot 26$	93 · 06 93 · 16 93 · 16 93 · 26 93 · 16	92 · 96 92 · 96 92 · 86 92 · 96 92 · 96	93 · 16 93 · 06 93 · 16
21	$94 \cdot 36$ $94 \cdot 56$ $94 \cdot 36$ $94 \cdot 26$ $94 \cdot 26$	$\begin{array}{c} 94 \cdot 16 \\ 94 \cdot 16 \\ 94 \cdot 26 \\ 94 \cdot 16 \\ 94 \cdot 16 \end{array}$	94 · 26 94 · 26 94 · 16 94 · 06 94 · 06	94.06 94.06 94.06 94.06 94.06	93 · 86 93 · 86 93 · 96 93 · 86 93 · 96	93·76 93·86 93·86 93·76 93·76	93 · 66 92 · 56 93 · 46 93 · 46 93 · 36	93 · 46 93 · 66 93 · 76 93 · 66 93 · 66	93 · 26 93 · 36 93 · 16 93 · 06 93 · 06	$93 \cdot 16$ $93 \cdot 06$ $92 \cdot 96$ $92 \cdot 96$ $92 \cdot 86$	92·76 92·76 92·76 92·86 93·06	93·06 93·16 93·26
26	94·36 94·36 94·46 94·36 94·36	94·06 94·16 94·16 94·06 94·16 94·16	94.06 94.06 94.16 94.06 94.06	94.06 93.96 94.06 93.96 93.96 93.96	93·86 93·76 93·76 93·76 93·76 93·86	93·76 93·66 93·66 93·76 93·66	93 · 46 93 · 46 93 · 56 93 · 46 93 · 56 93 · 46	93·76 93·66 93·36 93·16 93·16	93.06 93.16 93.16 93.06 93.16 93.06	92.96	93·06 92·96 92·96	93.26

ELEVATIONS above M.S.L., of St. Lawrence River at Cascades Point, for 1903.

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L., of St. Lawrence River at Cascades Point, for 1903-04.

TABLE No. 621. Day. April. May. June. July. Nov. Aug. Sept. Oct. Dec. Jan. Feb. March. $71.5 \\ 71.2 \\ 71.1$ 70.8 $70 \cdot 2$ $70 \cdot 2$ $70 \cdot 2$ 70.7 69.7 69-2 67.8 67.8 67.7 67.7 68.8 69.0 $72 \cdot 8$ $73 \cdot 7$ $73 \cdot 2$ $73 \cdot 7$ 69.1 $72.5 \\ 72.8 \\ 76.1$ 70.8 69 · 2 69 · 2 69 · 2 68·8 68·7 69 • 0 69.7 $69 \cdot 1$ 69.0 70.7 60.0 5..... 69.7 69.2 68.7 68.9 69.0 $75 \cdot 9$ $\begin{array}{c} 71 \cdot 2 \\ 71 \cdot 2 \\ 71 \cdot 5 \\ 71 \cdot 7 \\ 71 \cdot 7 \\ 71 \cdot 7 \end{array}$ 70 · 7 70 · 7 70 · 7 70 · 7 70 · 7 68 · 7 68 · 7 68 · 7 68 · 7 70.8 $69 \cdot 7$ $69 \cdot 7$ $69 \cdot 7$ $68 \cdot 8 \\ 68 \cdot 7 \\ 68 \cdot 7$ 69.0 77.1 70·7 70·7 70·5 67·8 67·8 74·7 74·1 73·7 73·5 69.0 70.0 $69 \cdot 2$ 80.7 60.9 67.8 70 - 1 81.8 10..... 70.2 69.7 69 - 1 68.7 68.8 83.2 $69 \cdot 7$ $69 \cdot 7$ $69 \cdot 7$ $69 \cdot 7$ $69 \cdot 7$ 71.6 70.8 69.9 70.2 69.1 68-6 69.9 69·1 69·2 69·1 81.8 $72 \cdot 9$ $72 \cdot 6$ 70·8 70·8 69-9 69 - 1 68-6 68-5 68-2 70.1 70.0 80.5 71.2 13..... 69.9 $70 \cdot 2$ $70 \cdot 2$ $70 \cdot 2$ 67.9 14..... $71 \cdot 1$ $71 \cdot 0$ 70.0 69-1 70.0 69.9 69.1 69-2 68-2 68-2 70.9 70.8 $70 \cdot 0$ $70 \cdot 1$ $70 \cdot 1$ 16..... 69.8 69.0 69.2 $68.7 \\ 68.5 \\ 68.7$ 78.1 $74 \cdot 2 \\ 74 \cdot 2 \\ 74 \cdot 0$ 69.6 $70 \cdot 2$ 69.8 69.0 69 - 2 79·7 81·7 69-8 69 - 6 70.0 69.0 19..... 70·7 70·7 70 · 2 70 · 2 69-6 69.2 68.2 69.0 70.9 69.7 20..... 69-6 69-2 68 - 1 69.8 $70 \cdot 7$ $70 \cdot 7$ $70 \cdot 7$ 69.7 68.9 69·2 69·2 69·5 $73 \cdot 8$ $76 \cdot 9$ $74 \cdot 2$ $73 \cdot 8$ $74 \cdot 0$ 68-1 $69 \cdot 5$ 69·8 . . 71·7 70·7 69·7 69·7 69·7 69·7 76·0 72·2 72·0 72·7 70 · 9 70 · 9 70 · 9 69.6 68.9 69·6 69·7 69·7 68 - 1 68-9 68-9 69.5 25..... 70.7 70.6 69.5 68.9 68.0 70.2 70·7 70·7 69.5 68.9 $69 \cdot 2$ 68.0 70 - 1 $71.9 \\ 73.7$ 69·7 69·7 69·7 74.2 70.8 69.5 69·2 69·2 69·2 69·2 $68.0 \\ 67.9 \\ 67.9$ 74 · 2 74 · 5 74 · 6 74 · 7 70.6 29..... 70.8 70.5 69.5 68.8 69.2 72.1 $69 \cdot 2$ 70.8 70.6 68.8 67.9 69-2 80.9 69.7

ELEVATIONS above M.S.L., of St. Lawrence River at Cascades Point, for 1904-05.

				TABLE No. 622.
1	1 72·2 72·7 72·6 72·8 72·7 73·0	$ \begin{array}{c ccccc} 71 \cdot 2 & 70 \cdot 2 & 69 \cdot 9 & \dots \\ 71 \cdot 1 & 70 \cdot 1 & 69 \cdot 8 & \dots \\ 71 \cdot 1 & 70 \cdot 1 & \dots & \dots \end{array} $	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	·2 72·5 75·5 ·5 77·7 75·2 ·2 72·6 75·2
6. 76-2 7. 76-2 8. 76-1 9. 76-0	73·1 73·5	71·0 69·7 71·0 69·9 69·7 71·0 69·9 69·7	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	·8 74·5 75·1 73·7 75·0 ·6 74·1 74·9
11. 75.9 12 75.7 13. 75.2 14. 75.0 15. 74.7	73.5 73.2 73.2 73.2 73.2	70·9 69·8 69·7 70·9 69·8 69·7 70·8 69·7	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	·7 · · · · · · · · · · · · · · · · · ·
16. 74·2 17. 18. 73·2 19. 72·8 20. 72·5	73·1 72·9 73·0 72·7	70·7 69·7 69·6	$\begin{array}{c ccccc} & & & & & & & & & & & & & & & & &$	·7 75·6 74·7 ·8 76·0 74·6
21. 72·1 22 71·7 23. 71·5 24. 71·5		70·7 69·8 69·5 70·6 69·8 69·5	$\begin{array}{cccccccccccccccccccccccccccccccccccc$. 76·2 73·9 5 76·2 73·7 7 76·2 73·6
26. 71.5 27. 71.5 28. 71.6 29. 71.7 30. 71.9 31.	72·8 71·7 72·7 71·6 71·5	70·2 69·8 69·7 7 70·2 69·8 69·7 7 70·2 69·8 69·7 7 70·2 69·8 69·7	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	6 76·1 73·2 7 76·0 73·2 73·1 1 73·5

6 GEORGE V, A. 1916

Elevations above M.S.L., of St. Lawrence River at Cascades Point, for 1905-06.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	Marel
										68 - 9	69.8	70
										68-9	69-8	70
										69.0	70.0	70
										69-0	70.2	70
										69-0	70-0	70
										69.0	70.0	6
										69.0	70.0	6
										69.3	70.0	6
										70.4	70 - 1	6
										70.7	70 - 1	6
										71.0	70.3	6
										71 - 1	70.7	6
										71.1	70.7	6
										71 - 1	70.7	6
										71 - 1	70.7	7
										70.7	70.5	7
										70 - 7	70.2	7
										70-7	70.2	7
										70.3	70.2	7
										70 - 1	70.2	7
										10 1	10 -	
										69-8	70 - 1	7
										69.7	70.1	7
										69.8	70-1	7
										70.2	70-1	7
										70.2	70 - 1	7
										10.2	10-1	
										70-4	69-9	7
										70.4	69-9	
										70-4	70-3	7
										70.4	10.3	7
										70.4		7
										69.9		

Elevations above M.S.L., of St. Lawrence River at Cascades Point, for 1906-07.

				1906)-07.				TA	BLE No	624.
1 2 3 4 5	70-2 70-0 70-0 69-9	70·2 70· 70·2 70· 70·1 70·0 70· 70·0 70·	2 69·8 69·7 1 69·7	68·9 68·9 68·9 68·9	68·5 68·5 68·5	68·1 68·1 68·1 68·1	68 · 2 68 · 2 68 · 2	68·2 68·2 68·3	70·7 70·7 70·8 71·1 70·7	71 · 2 71 · 2 74 · 1 74 · 3	76·5 77·5 77·0 76·5
6	69·7 69·7 69·7 69·7	70-1 70- 70-2 70- 70-2 70- 70-2 70- 70-2 70-	2 69·5 7 69·2	68 · 9 68 · 9 68 · 8	68·2 68·2 68·2	68·2 68·2 68·2 68·2	68·2 68·2 68·2 68·2 68·2	68.5 68.7 68.8 69.0	70·7 70·7 70·9 71·3	74·5 75·3 73·5 73·5	75.5 75.3 75.2 75.2
11	69·7 69·8 89·8 69·8	70·5 70·6 70·7 70·7 70·7 70·8	8 69·2 7 69·2 7 69·2	68-8	68·2 68·2 68·2 68·2 68·2	68 · 2 68 · 2 68 · 2	68 · 2 68 · 2 68 · 2 68 · 2	69·3 69·7 70·0 70·2 70·2	71·7 71·7 71·5 71·5	73·3 74·5 74·5 74·7 75·5	74·8 74·7 74·5 73·7 74·3
16 17 18 19 20	70·0 69·8 69·8 69·8 69·8	70·8 70·9 70·9 70·9 70·9 70·9 70·9 70·9 70·9	6 69·1 69·1 5 69·1	68·7 68·7 68·7	68·2 68·2 68·2 68·2	68·2 68·2 68·2 68·2 68·2	68·1 68·1 68·2	70·7 71·0 71·1 71·1	71·3 71·0 70·9 70·7	75·3 74·0 73·8 73·5	74·3 74·0 73·5 73·5
21	69·9 70·0 70·1	70·8 70 70·8 70 70·7 70 70·7 70 70·7	2 69·0 2 69·0	68·7 68·7 68·7	68·1 68·1 68·1	68·2 68·2 68·2 68·2	68·2 68·2 68·2 68·2	71.0 71.0 71.0 71.0 71.0	$\begin{array}{c} 71 \cdot 2 \\ 71 \cdot 2 \\ 71 \cdot 2 \\ 71 \cdot 1 \\ 71 \cdot 1 \\ 71 \cdot 1 \end{array}$	75·7 75·2 76·3	73·3 73·2 73·2 73·2
30	70 · 2 70 · 2 70 · 2 70 · 2	70·7 70 70·6 70 70·5 70 70·5 70 70·5 70	2 68·9 2 68·9	68-6 68-6 68-6 68-5	68-1 68-1 68-1	68-2 68-5 68-5 68-5	68 · 5 68 · 5 68 · 2 68 · 2	70·9 70·9 70·9 70·8 		76.9 76.9 76.7	73·3 73·3 73·2 73·2 73·3

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L., of St. Lawrence River at Cascades Point, for 1907-08.

TABLE No. 625.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec	Jan.	Feb.	March.
1	74 · 7 73 · 7 74 · 0 73 · 7 73 · 5	70·9 71·1 71·5 71·5	71·6 71·5 71·5 71·5	70 · 7 70 · 7 70 · 7 70 · 7 70 · 6	69·8 69·8 69·7	69-0 69-0 69-0	69·1 69·1 69·2 69·2 69·2	69·2 69·0 69·1 69·1	69·0 68·9 68·8	69·9 69·8 69·8 69·8	70·8 70·8 71·2 70·9	73.7 74.5 74.2 74.0
6	73·0 72·5 72·5 72·0	71.6 71.6 71.7 71.5 71.2	71·5 71·5 71·5 71·5	70·6 70·5 70·5	69 · 7 69 · 7 69 · 7 69 · 6	68 · 9 68 · 9 68 · 9 68 · 9	69·2 69·2 69·2 69·2	69·2 69·6 69·9 70·2	68 · 8 68 · 9 	69 · 9 70 · 2 70 · 6 70 · 2 70 · 1	72·1 72·2 72·7	73·7 73·2 73·1 72·9
11	71 · 8 71 · 7 72 · 0 71 · 5	71·2 71·1 71·1 71·1	71·2 71·2 71·2 71·2 71·2 71·2	70·5 70·2 70·2 70·2	69·6 69·6 69·5 69·5	68·9 69·0 69·0	69·2 69·2 69·2 69·2	70·7 70·9 71·0 70·8 70·7	69·5 69·5 69·5	70·1 70·2 70·8 71·5	72·7 72·2 72·0 71·8 71·5	73·2 73·1 72·9 72·7
16	71.5 71.3 71.0 70.7 70.7	71·0 71·0 71·1 71·2	71·1 71·1 71·1 71·1 71·0	70·2 70·1 70·0 70·0 70·0	69·5 69·2 69·2	69·0 68·9 68·9 68·9 68·9	69·2 69·2 69·2 69·2	70·5 69·9 69·7 69·7	69 · 2 69 · 2 69 · 2 69 · 2 69 · 2	71 · 8 72 · 5 72 · 2 71 · 0	71 · 9 72 · 2 73 · 0 73 · 6	$72 \cdot 2$ $71 \cdot 7$ $71 \cdot 9$ $72 \cdot 0$ $72 \cdot 2$
21 22 23 24 25	70·5 70·3 70·3 70·4	71.5 71.6 71.7 71.7 71.8	71 · 0 70 · 9 70 · 8 70 · 7	69·9 69·9 69·9	69·2 69·2 69·2 69·1	68 · 9 69 · 0 69 · 0 69 · 0	69 · 2 69 · 1 69 · 1 69 · 1 69 · 1	69·6 69·5 69·2	69·2 69·3 69·5	71 · 2 71 · 0 70 · 7 70 · 2 70 · 9	73·1 72·6 73·0 72·9	72·2 72·5 72·6 72·6
26 27 28 29 30 31	70·4 70·5 70·5 70·5	71-8 71-8 71-7 71-7 71-7	70·7 70·7 70·7 70·7	69 · 9 69 · 9 69 · 9 69 · 9 69 · 9	69·1 69·1 69·1 69·1 69·0 69·0	69·1 69·1 -69·1 69·1	69·0 69·0 69·0 69·0	69·2 69·1 69·1 69·1 69·1	69·5 69·6 69·9 69·9	70·0 69·8 70·1 70·7 70·5	72.8 72.8 72.9 73.0	72·5 72·5 72·5 72·7 72·7

ELEVATIONS above M.S.L., of St. Lawrence River at Cascades Point, for 1908-09.

Table No. 626.

				TABLE NO. 020.
1. 72-7 2 72-7 3. 72-8 4 72-8	72·7 73·7 73·1 73·7 73·8 73·7 73·9 73·6	71·2 71·2 71·1 71·1 70·1 70·1	69·7 68·7 68·2 69·7 68·7 68·2 69·7 68·7 68·2 69·7 68·7 68·2 69·6 68·7 68·2	68·1 71·7 73·2 68·1 69·7 72·1 73·2
6. 72.6 7. 72.6 8. 72.7 9. 73.1 10. 72.9	73·9 73·6 73·9 73·5 74·0 73·5 74·1 73·2 73·2	70 · 9	69·6 68·6 68·2 69·5 68·6 68·2 69·5 68·6 68·1	$\begin{array}{c ccccccccccccccccccccccccccccccccccc$
11. 73·1 12. 73·2 13. 73·2 14. 73·1 15. 72·9	74·7 73·1 74·8 72·9 74·7 72·7 74·7 72·5	70 · 8 69 · 9 70 · 8 69 · 9	69·5 68·6 68·1 69·2 68·6 68·1 69·2 68·6 68·1 69·2 68·5	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
16. 72·7 17. 72·6 18. 72·2 19. 72·1	74·7 72·5 72·2 74·7 72·2 74·7 72·1 74·7 72·0	70 · 7 69 · 8	69·2 68·5 68·1 69·2 68·5 68·1 69·2 68·5 68·1 68·5 68·0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
21 72·1 22 72·0 23 71·9 24 71·8 25 71·7	74·6	$\begin{array}{ccc} 70 \cdot 7 & 69 \cdot 8 \\ 70 \cdot 7 & 69 \cdot 8 \\ 70 \cdot 7 & \cdots & \\ 70 \cdot 7 & 69 \cdot 7 \\ 70 \cdot 7 & 69 \cdot 7 \end{array}$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
26 71.8 27 71.8 28 71.9 29. 72.1 30. 72.5	74·1 71·7 74·0 71·7 73·9 71·6 73·7 71·5	70·6 69·7 70·5 69·7 70·5 69·7 70·2 69·7	68·9 68·2 67·9 68·8 68·2 68·0 68·8 68·2 68·0 68·8 68·5 68·0 68·8 68·5 68·0	$\begin{array}{cccccccccccccccccccccccccccccccccccc$

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L., of St. Lawrence River at Cascades Point, for 1909-10.

Table No. 827.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	71·0 71·2 71·2 71·5	71·9 72·5 72·9 72·8	74·2 74·1 74·0 73·8 73·7	70·7 70·6 70·6	69-9 69-9 69-9	69 · 2 69 · 2 69 · 2 69 · 2	68-8 68-8 68-8 68-8	68-2 68-2 68-2 68-2 68-2	68·2 68·2 68·2 68·2	69·9 70·1 70·2	69 · 9 69 · 9 69 · 8 69 · 7 69 · 7	70 · 2 70 · 2 70 · 2 70 · 7 70 · 7
6 7 8 8 9	71 · 8 72 · 2 72 · 7 73 · 2 73 · 2	72·8 72·8 72·8	73·2 73·0 72·7 72·6	70·5 70·5 70·5 70·2 70·2	69 · 9 69 · 8 	$69 \cdot 2$ $69 \cdot 2$ $69 \cdot 2$ $69 \cdot 1$ $69 \cdot 1$	68 · 8 68 · 7 68 · 7 68 · 7	68 · 2 68 · 2 68 · 2 68 · 2	68·2 68·2 68·2 68·5 68·5	70·0 69·8 69·7	70·0 70·2 70·2 70·2 70·2	70·1 70·5 70·7 70·6
11	72·1 71·6 71·7 71·8	73·1 73·2 73·2 73·5 73·6	$72 \cdot 5 \\ 72 \cdot 2 \\ \vdots \\ 72 \cdot 1 \\ 72 \cdot 0$	70·2 70·2 70·2 70·2 70·2	69 · 8 69 · 8 69 · 7 69 · 7	69·1 69·0 69·0	68 · 7 68 · 7 68 · 7 68 · 7 68 · 7	68 · 2 68 · 2 68 · 2	68 · 6 68 · 6 68 · 6 68 · 6	69·9 69·9 69·7 69·7	70 · 1 69 · 9 69 · 7 69 · 6	70 · 5 70 · 2
16	$71 \cdot 9 \\ 71 \cdot 9 \\ \hline 72 \cdot 0 \\ 72 \cdot 0$	73 · 7 73 · 7 73 · 8 73 · 8	71·8 71·7 71·5 71·2	70·2 70·1 70·1 70·1	69 · 7 69 · 7 69 · 7 69 · 6	69 · 0 69 · 0 68 · 9	68·6 68·6 68·6	68 · 2 68 · 2 68 · 2 68 · 2 68 · 2	68 · 6 68 · 6 68 · 6	69 · 7 69 · 8 69 · 7 69 · 5	69·5 69·5 70·0 70·2	69 · 9 69 · 8 69 · 9 69 · 9
21	72·0 72·0 71·9 71·9	73 · 9 73 · 9 74 · 0 74 · 1	$71 \cdot 2$ $71 \cdot 1$ $71 \cdot 0$ $70 \cdot 9$ $70 \cdot 8$	70·1 70·1 70·0 70·0	69 · 6 69 · 5 69 · 5 69 · 5	68 · 9 68 · 8 68 · 8 68 · 8	68 · 6 68 · 6 68 · 6	68·2 68·2 68·2 68·2	68 · 6 68 · 6 68 · 5 68 · 5	69 · 2 69 · 2 69 · 2 69 · 2	70 · 0 69 · 8 69 · 8 69 · 7 69 · 8	$70 \cdot 1$ $70 \cdot 2$ $70 \cdot 2$ $70 \cdot 1$ $70 \cdot 2$
26	71.8 71.8 71.8 71.8 71.8	74 · 1 74 · 0 74 · 0 74 · 1 74 · 5	70·8 70·7 70·7 70·7	70·0 70·0 69·9 69·9 69·9	69·2 69·2 69·2 69·2 69·2	68-8 68-8 68-8	68-5 68-5 68-5 68-2	68 · 2 68 · 2 68 · 5 68 · 5	68-7 68-9 69-2 69-5 69-7	69·2 69·2 69·5 69·5 70·0	70 - 2	70 · 1 70 · 1 70 · 0 69 · 9 69 · 9

Elevations above M.S.L., of St. Lawrence River at Cascades Point, for 1910-11.

										T.	ABLE N	To. 628
1	70·0 70·1 70·2 70·2	70·7 70·8 70·8 70·9	69 · 9 69 · 9 70 · 0 70 · 0	69 · 6 69 · 5 69 · 5 69 · 2	68 · 8 68 · 8 68 · 9 68 · 9	68 · 6 68 · 6 68 · 6	68 · 1 68 · 1 68 · 1 68 · 1	68 · 2 68 · 2 68 · 2 68 · 2 68 · 2	67·9 67·9 67·9	69·5 69·5 69·6 69·6	$\begin{array}{c} 72 \cdot 6 \\ 73 \cdot 0 \\ 76 \cdot 2 \\ 77 \cdot 1 \\ 79 \cdot 2 \end{array}$	76·8 76·7 76·5 76·2 76·0
6	70·5 70·5 70·5 70·5	70·9 71·0 71·0 70·9	$70 \cdot 1$ $70 \cdot 2$	69·2 69·2 69·2 69·2	68-9 68-8 68-8	68 · 5 68 · 5 68 · 5 68 · 5 68 · 5	68·1 68·1 68·1	68·2 68·2 68·2 68·2	$67 \cdot 9$ $67 \cdot 9$ $68 \cdot 0$ $68 \cdot 1$ $68 \cdot 2$	$69 \cdot 7$ $69 \cdot 8$ $69 \cdot 9$ $70 \cdot 1$ $70 \cdot 2$	77·2 79·0 80·7 78·9 77·7	75 · 8 75 · 7 75 · 6 75 · 5 75 · 2
11 12 13 14 15	$70 \cdot 5$ $70 \cdot 5$ $70 \cdot 2$ $70 \cdot 2$ $70 \cdot 2$	70·9 70·8 70·7 70·7	70·2 70·2 70·2 70·2	$69 \cdot 1$ $69 \cdot 1$ $69 \cdot 1$ $69 \cdot 1$ $69 \cdot 1$	68 · 8 68 · 8 68 · 8	68 · 5 68 · 5 68 · 5 68 · 5	68 · 1 68 · 0 68 · 0 68 · 0 68 · 0	68·2 68·2 68·2	68-5 68-7 69-1 69-7	70.5 70.6 70.7 71.1 70.9	76.5 76.7 76.2 76.2 76.6	75·2 75·1 75·1 75·0 75·0
16 17 18 19 20	70 · 2 70 · 2 70 · 2 70 · 2	70·5 70·2 70·2 70·1 70·1	70·1 70·1 70·1 70·0	69·0 69·0 69·0	68·7 68·7 68·7 68·7 68·7	68·2 68·2 68·2 68·2	68·1 68·1 68·1 68·1	68 · 1 68 · 1 68 · 1 68 · 1 68 · 1	69·9 70·0 70·1 70·1	70·8 70·8 70·9 71·2 71·0	76·7 76·2 76·5 76·7 77·2	75.0 74.9 74.9 74.9 74.8
21 22 23 24 25	70 · 2 70 · 2 70 · 2 70 · 5	70·0 70·0 70·0 69·9	70·0 69·9 69·9 69·8 69·8	69 · 0 69 · 0 68 · 9	68·7 68·7 68·7 68·7	68·2 68·2 68·2 68·2	68 · 2 68 · 2 68 · 2 68 · 2	68·1 68·1 68·0 68·0	70·0 69·7 69·9 70·1	71 · 0 70 · 9 70 · 7 70 · 6 70 · 5	76-8 77-9 78-2 78-0 77-6	74·8 74·7 74·6 74·5 74·2
26. 27. 28. 29. 30.	70 · 5 70 · 6 70 · 6 70 · 7 70 · 7	69·9 69·9 69·8 69·8	69·7 69·7 69·7 69·6	68 · 9 68 · 8 68 · 8 68 · 8	68 · 6 68 · 6 68 · 6 68 · 6	68 · 2 68 · 2 68 · 2 68 · 2 68 · 2	68-2 68-2 68-2 68-2	68-0 68-0 68-0 68-0	70·5 70·2 70·1 69·9 69·7	71.5	77·2 77·1 76·9	74·2 74·1 74·2 74·2 74·2 74·2

SESSIONAL PAPER No. 19a

 ${\bf Elevations\ above\ M.S.L.\ of\ St.\ Lawrence\ River\ at\ Cascades\ Point,\ for\ 1911-12.}$

TABLE No. 629.

								A 2	IDLE A	0. 025.		
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	74·2 74·2 74·2 74·2 74·2 74·1	70·2 70·6 70·7 70·8 70·9	70·2 70·2 70·2 70·2 70·2 70·1	69·2 69·2 69·2 69·2 69·1	68 · 2 68 · 2 68 · 2 68 · 2 68 · 2	67·7 67·7 67·7 67·7	67·2 67·2 67·2 67·2 67·2	67-6 67-6 67-6 67-6 67-6	67·8 67·8 67·8 67·8 67·9		70·0 71·4	74 · 7 74 · 6 75 · 4 75 · 7 75 · 7
6	74·0 74·0 74·0 74·1 74·1	71·0 71·1 71·2 71·2 71·2	70·1 70·1 70·1 70·0 70·0	69·1 69·0 69·0 68·9 68·9	68·2 68·2 68·2 68·2 68·1	67 · 7 67 · 6 67 · 6 67 · 6 67 · 6	$67 \cdot 2$	67 · 6 67 · 6 67 · 7 67 · 7	67 · 9 67 · 9 68 · 0 68 · 0 68 · 0	69 · 2 69 · 7 69 · 9 70 · 1 70 · 2	71·0 71·2 71·2 71·4 72·6	75·7 75·3 75·2 75·0 74·8
11 12 13 14 15	74 · 2 74 · 2 74 · 6 74 · 7 74 · 7	$71 \cdot 2$ $71 \cdot 2$ $71 \cdot 2$ $71 \cdot 1$ $71 \cdot 0$	70·0 70·0 69·9 69·9 69·9	68 · 8 68 · 8 68 · 7 68 · 7 68 · 7	68·1 68·1 68·1 68·0 68·0	67 · 6 67 · 6 67 · 6 67 · 6 67 · 5	67 · 2 67 · 2 67 · 2 67 · 2 67 · 2	67 · 7 67 · 7 67 · 7 67 · 7 67 · 7	68·1 68·2 68·5 68·5	70·2 70·0 69·8 69·7 69·5	74·8 74·1 73·9 74·0 73·9	74 · 8 74 · 7 74 · 2 73 · 7 74 · 1
16	74 · 8 74 · 7 73 · 9 73 · 2 72 · 7	70·9 70·9 70·8 70·8 70·8	69·8 69·8 69·8 69·8	68·7 68·7 68·7 68·6	68.0 68.0 67.9 67.9	67·5 67·5 67·5 67·5 67·5	67 · 2 67 · 2 67 · 2 67 · 2 67 · 2	67 · 7 67 · 7 · 67 · 7 67 · 7 67 · 7	68 · 6 68 · 6 68 · 6 68 · 6	69·2 69·2 69·2 69·5 69·5	73·7 73·3 72·9 72·3 71·9	74·0 73·8 73·4 73·1 72·8
21	$72 \cdot 0$ $71 \cdot 6$ $70 \cdot 7$ $70 \cdot 0$ $70 \cdot 0$	70·7 70·7 70·7 70·7 70·6	69·7 69·7 69·7 69·7	68 · 6 68 · 6 68 · 6 68 · 6 68 · 5	67 · 9 67 · 8 67 · 8 67 · 8 67 · 8	67·5 67·5 67·2 67·2 67·2	67 · 2 67 · 2 67 · 2 67 · 5 67 · 5	67 · 7 67 · 7 67 · 7 67 · 7 67 · 7	68-6 68-5 68-5 68-5	69-6 69-6 69-7 69-7	71 · 9 73 · 2 74 · 3 74 · 0 74 · 0	73·0 · 73·4 73·7 73·2 73·0
26	69 · 9 69 · 9 70 · 0 70 · 1 70 · 1	70·6 70·5 70·5 70·2 70·2 70·2 70·2	69·7 69·6 69·6 69·5 69·5	68 · 5 68 · 5 68 · 2 68 · 2 68 · 2	67.7 67.7 67.7 67.7 67.7 67.7	67 · 2 67 · 2 67 · 2 67 · 2 67 · 2	67·5 67·5 67·5 67·5 67·5	67·7 67·7 67·8 67·8 67·8	68.5 68.5 68.5 68.5 68.5 68.5	70 · 2 70 · 7 70 · 6 70 · 5 70 · 2 70 · 0	74·0 75·2 75·8 75·0	72·9 72·8 72·3 72·0 71·7 72·0

ELEVATIONS above M.S.L. of St. Lawrence River at Cascades Point, for 1912-13.

TABLE No. 63

										TA	BLE N	o. 630.
1 2 3 4 5	71.9 71.9 71.7 71.6 71.5	71·5 71·1 71·0 70·9 70·9	73 · 8 73 · 6 73 · 2 72 · 7 72 · 7	70·5 70·5 70·2 70·2 70·2 70·2	69·6 69·6 69·6 69·6 69·5	69-0 69-0 69-0 69-0 69-0	69·0 69·0 69·0 69·0	69·5 69·5 69·2 69·5 69·5	69·7 69·7 69·7 69·9 70·0	69 · 9 70 · 0 70 · 0 70 · 0 70 · 0 70 · 1	71 · 6 71 · 6 71 · 7 71 · 7 71 · 8	72·8 72·8 72·8 72·8 72·8 72·9
6	71·5 71·6 72·9 73·9 73·7	70·9 70·9 71·0 71·0 71·0	$72 \cdot 7$ $72 \cdot 5$ $72 \cdot 5$ $72 \cdot 2$ $72 \cdot 2$	70·1 70·0 70·0 69·9 69·8	69·5 69·5 69·5 69·5 69·5	$69 \cdot 1$	69·0 69·0 68·9 68·9 68·9	69·5 69·6 69·7 69·7 70·7	$70 \cdot 0$ $70 \cdot 2$	$\begin{array}{c} 70 \cdot 2 \\ 70 \cdot 2 \\ 70 \cdot 4 \\ 71 \cdot 9 \\ 72 \cdot 0 \end{array}$	71 · 8 71 · 8 71 · 7 71 · 7 71 · 7	*73.7 73.9 73.9 73.9 73.7
11	73·5 73·5 73·2 73·0 73·0	71 · 0 70 · 9 71 · 0 71 · 0 71 · 1	72·1 72·0 71·9 71·7 71·7	69·8 69·7 69·7 69·7 69·7	69·5 69·5 69·5 69·5 69·5	69+2 69+2 69+1 69+1 69+1	68·8 68·7 68·7 68·7 68·7	70·7 70·6 70·5 70·2 70·6	70 · 2 70 · 2 70 · 0 69 · 8 69 · 7	$\begin{array}{c} 72 \cdot 2 \\ 72 \cdot 2 \\ 72 \cdot 0 \\ 71 \cdot 7 \\ 71 \cdot 5 \end{array}$	71.5 71.5 71.5 72.2 72.3	$73 \cdot 7$ $72 \cdot 7$ $72 \cdot 6$ $72 \cdot 6$ $72 \cdot 6$ $72 \cdot 5$
16	72 · 9 73 · 0 73 · 1 73 · 3 73 · 1	71·1 71·2 71·5 71·6 71·7	71·5 71·5 71·4 71·2 71·0	69·7 69·7 69·7 69·7 69·6	$69 \cdot 2$	69·0 69·0 69·0 69·6 69·0	68·7 68·7 68·7 68·7 68·7	$\begin{array}{c} 70 \cdot 6 \\ 70 \cdot 2 \\ 70 \cdot 2 \\ 70 \cdot 2 \\ 70 \cdot 0 \end{array}$	69·7 69·6 69·6 69·7 69·8	$\begin{array}{c} 71 \cdot 2 \\ 71 \cdot 2 \\ 71 \cdot 5 \\ 72 \cdot 0 \\ 72 \cdot 1 \end{array}$	72·5 72·5 72·7 72·8 72·8	$72 \cdot 5$ $72 \cdot 2$ $72 \cdot 2$ $72 \cdot 5$ $72 \cdot 6$
21 22 23 24 25	72·7 72·0 73·5 72·1 72·1	71.8 71.9 72.0 72.0 72.2	71·1 70·8 71·0 71·0 71·0	69-6 69-6 69-5 69-7 69-6	$69 \cdot 2$ $69 \cdot 2$ $69 \cdot 1$ $69 \cdot 1$ $69 \cdot 1$	69·0 69·0 69·0 69·0	68 · 8 68 · 8 68 · 8 68 · 8 68 · 9	70·0 69·9 69·8 69·8 69·8	69·8 69·7 69·7 69·8 69·8	$\begin{array}{c} 72 \cdot 1 \\ 72 \cdot 2 \end{array}$	72·8 72·8 72·7 72·7 72·7	72 · 6 72 · 7 73 · 5 73 · 5 73 · 7
26	72·1 71·9 71·8 73·2 71·9	72·5 72·5 72·5 72·7 73·2 73·7	70·9 70·8 70·8 70·7 70·5	69·6 69·6 69·6 69·6 69·6 69·5	$\begin{array}{c} 69 \cdot 1 \\ \end{array}$	69·0 69·1 69·0 69·0	69·0 69·2 69·5 69·7 69·2 69·5	69·7 69·7 69·7 69·7 69·7	69·7 69·7 69·7 69·8 69·9 69·8	71.5	72·7 72·7 72·7	73 · 7 73 · 7 73 · 7 73 · 8 73 · 9 73 · 9

 ${\it 6~GEORGE~V,~A.~1916}$ Elevations above M.S.L. of St. Lawrence River at Cascades Point, for 1913–14 \cdot

									T2	ABLE N	No. 631.	
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	73·9 74·1 74·1 73·9 73·7	72·2 72·5 72·5 72·6 72·6	71 · 6 71 · 6 71 · 5 71 · 2 71 · 2	70·2 70·2 70·2 70·2 70·2 70·1	69·8 69·8 69·8 70·0 70·0	69·5 69·5 69·5 69·5 69·5	68·9 68·9 68·9 68·9 68·9	69·7 69·7 69·7 69·7	69·9 69·7 69·7 69·7 69·7	69·7 69·7 69·7 69·7 69·7	71·2 71·5 71·5 71·6 71·6	
6	73·7 73·3 72·9 72·7	72·7 72·8 72·8 72·7 72·7	71·2 71·1 71·0 71·2 71·2	$70 \cdot 1$ $70 \cdot 2$	70·0 70·0 70·0 70·0 69·8	69·5 69·2 69·2 69·2 69·2	68·9 68·9 68·9 68·9	69·7 69·7 69·7 69·7 69·7	69·7 69·7 69·7 69·7 69·7	69·7 69·7 69·7 69·8	71.6 71.6 71.7 71.8 71.8	71·2 71·5 71·6
11	72·6 72·7 72·7 72·6 72·2	72·7 72·5 72·5 72·5 72·2	71 · 2 71 · 1 71 · 0 71 · 0 70 · 9	70·2 70·2 70·1 70·1 70·0	69·7 69·7 69·7 69·7	69·2 69·1 69·1 69·1 69·1	68 · 9 68 · 9 68 · 9 68 · 9 68 · 9	69·7 69·6 69·6 69·5 69·5	69·8 69·8 69·8 69·7	69.8 69.8 69.7 69.7	71·7 72·8 71·9 75·7 74·8	71·2 70·9 70·8 70·5 71·6
16	$72 \cdot 2$ $72 \cdot 2$ $72 \cdot 1$ $72 \cdot 2$ $72 \cdot 2$	72·2 72·1 72·1 71·9 71·8	70·8 70·8 70·7 70·7 70·7	70 · 0 70 · 0 70 · 0 70 · 0 70 · 0	69 · 6 69 · 6 69 · 6 69 · 6 69 · 6	69·1 69·1 69·0 69·0 69·0	68·9 68·9 68·9 68·9	69 · 6 69 · 6 69 · 7 69 · 7	69·7 69·7 69·7 69·5 69·5	69·8 69·8 69·8 69·8	77.5 77.0 76.9 76.9 76.8	71·7· 71·6 71·5 71·6 71·5
21	$\begin{array}{c} 72 \cdot 1 \\ 72 \cdot 1 \\ 72 \cdot 1 \\ 72 \cdot 1 \\ 72 \cdot 0 \\ 72 \cdot 0 \end{array}$	71·7 71·7 71·7 71·6 71·6	70·7 70·7 70·7 70·7 70·7	70·1 70·1 70·1 70·1 70·0	69 · 6 69 · 6 69 · 5 69 · 5	69·0 69·0 69·0 69·0 69·0	69·0 69·0 69·2 69·2 69·5	69 · 8 69 · 9 69 · 9 69 · 9	69·5 69·5 69·5 69·6	69·9 69·9 69·9 70·1	76·6 77·2 77·6 77·6 78·6	72·7 72·7
26	72·0 72·0 72·0 72·1 72·2	71-6 71-6 71-6 71-6 71-7 71-7	70·7 70·7 70·6 70·5 70·2	70·0 70·0 70·0 70·0 70·0 70·0 70·0	69·5 69·5 69·5 69·5 69·5	68·9 68·9 68·9 68·9	69·5 69·5 69·5 69·5 69·7	70·0 70·0 70·0 70·0 69·9	69·6 69·6 69·6 69·7 69·7	71.0	78-4 77-9 76-6	72.0

Elevations above M.S.L. of St. Lawrence River at Cascades Point, for 1914–15.

										TAI	BLE N	o. 632.
1	72·5 72·5 72·4 72·5 72·5	71.0 71.0 71.0 70.9 70.9	70·0 69·9 69·9 69·9 69·8	69·7 69·7 69·6 69·6 69·6	69·0 69·0 69·0 69·0 68·9	69·0 69·0 69·0 69·0 69·0	68·2 68·2 68·2 68·2 68·2	67-9 68-0 68-0 68-0 68-0	68·0 68·0 68·0 68·1 68·1	69·2 69·2 69·2 69·5 69·2	70·1 70·5 72·5 70·6 70·2	69·7 70·2 70·1 70·4 70·4
6 7 8 9	$72 \cdot 2$ $72 \cdot 0$ $71 \cdot 5$ $71 \cdot 5$ $71 \cdot 5$	70·8 70·7 70·7 70·7 70·7	69-7 69-7 69-7 69-7 69-7	69 · 6 69 · 6 69 · 5 69 · 5 69 · 5	68·9 68·9 68·9 68·9 68·9	68-9 68-8 68-8 68-8	68-2 68-2 68-2 68-2 68-2	68·0 68·0 68·0 68·0 68·0	68·1 68·1 68·1 68·1 68·1	69·5 69·2 68·7 68·9 69·5	70·0 69·9 69·8 69·7 69·7	70·1 68·7 68·5 68·8 69·0
11	71.5 71.5 71.5 71.5 71.5 71.2	70·7 70·7 70·7 70·7 70·8	69·8 69·7 69·7 69·7 69·7	69·5 69·5 69·5 69·5 69·5	68·9 68·9 68·9 68·9 68·9	68·7 68·6 68·6 68·6	68·2 68·2 68·2 68·1 68·1	68 · 0 68 · 0 68 · 0 68 · 0 68 · 0	68·1 68·1 68·1 68·3 68·6	69·5 69·2 69·0 68·9 69·0	69·8 69·9 69·6 69·2 69·2	69 · 0 69 · 2 69 · 2 69 · 0 69 · 0
16	71.0 70.8 70.7 70.7 70.7	70·8 70·7 70·7 70·7 70·6	69·7 69·6 69·6 69·6 69·6	69·4 69·2 69·2 69·2 69·2	68-9 68-9 68-9 68-9	68-6 68-6 68-5 68-5 68-5	68 · 0 68 · 0 68 · 0 68 · 0 68 · 0	68·0 68·1 68·2 68·2 68·2	68·7 68·7 68·8 68·8	69·1 69·0 68·7 68·6 68·5	69 · 2 69 · 1 69 · 1 69 · 1 69 · 6	69·0 68·7 68·7 68·7 68·6
21	71.0 70.9 70.9 70.9 70.8	70·6 70·4 70·2 70·2 70·2	69·5 69·6 69·6 69·6 69·5	69·2 69·2 69·2 69·2 69·2	68.9 68.9 68.9 68.9 68.8	68·5 68·5 68·2 68·2	68 · 0 68 · 0 68 · 0 68 · 0	68 · 2 68 · 2 68 · 2 68 · 2 68 · 2	68-8 68-8 68-7 68-5	68·5 68·6 68·9 69·3 69·6	69 · 0 68 · 9 68 · 9 68 · 8 68 · 9	69 · 0 69 · 2 69 · 5 69 · 7 69 · 8
26	70·7 70·7 70·8 70·9 71·0	70·7 70·5 70·2 70·2 70·2 70·2 70·2	69·5 69·5 69·5 69·5 69·6	69·2 69·1 69·1 69·1 69·1 69·1	68-8 68-8 68-7 68-7 68-8 68-9	68·2 68·2 68·2 68·2 68·2	68-0 68-0 68-0 67-9 67-5	68·2 68·2 68·2 68·2 68·2	68·5 68·7 68·8 69·1 69·0	70-1	68-9 69-0 69-3	70·0 70·2 69·8 69·5 69·5

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock, No. 5, for 1870–71.

TABLE No. 633.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	67.90 68.15 68.57 68.57 69.07	73·07 72·99 72·90 72·82 72·65	69·99 69·82 69·82 69·49 69·49	68 · 57 68 · 47 68 · 40 68 · 40 68 · 49	68·15 68·24 68·32 68·24 68·24	67-65 67-65 67-65 67-74 67-74	67.07 67.15 67.15 67.32 67.24	67 · 57 67 · 57 67 · 57 67 · 57 67 · 57	67·40 67·49 67·49 67·40 67·40	67 · 40 67 · 40 67 · 15 66 · 99 66 · 90	66·49 66·24 66·32 66·32 66·24	66·40 66·49 66·57 66·82
6	69 · 15 69 · 40 69 · 74 70 · 24 70 · 74	$\begin{array}{c} 72 \cdot 57 \\ 72 \cdot 49 \\ 72 \cdot 32 \\ 72 \cdot 15 \\ 72 \cdot 07 \end{array}$	$69 \cdot 49$ $69 \cdot 49$ $69 \cdot 49$ $69 \cdot 40$ $69 \cdot 24$	68 · 57 68 · 49 68 · 65 68 · 65 68 · 65	68 · 15 68 · 24 68 · 15 68 · 15 68 · 15	67 · 74 67 · 57 67 · 40 67 · 57 67 · 57	67·24 67·07 67·07 67·15 67·15	67 · 49 67 · 32 67 · 49 67 · 40 67 · 82	67 · 24 67 · 32 67 · 40 67 · 57 67 · 49	$66 \cdot 90$ $66 \cdot 74$ $66 \cdot 49$ $66 \cdot 49$ $66 \cdot 40$	66 · 32 66 · 24 66 · 82 66 · 82 66 · 32	66 · 74 66 · 90 66 · 90 66 · 90
11 12 13 14 15	71·15 71·40 71·74 71·99 71·99	71.99 72.07 72.07 71.90 71.65	$69 \cdot 24$ $69 \cdot 24$ $69 \cdot 15$ $69 \cdot 24$ $69 \cdot 24$	68-57 68-49 68-57 68-57 68-57	68·15 68·15 68·24 68·07 68·07	$67 \cdot 49$ $67 \cdot 49$ $67 \cdot 40$ $67 \cdot 49$ $67 \cdot 32$	67·15 67·15 67·15 67·15 67·15	67 · 82 67 · 74 67 · 74 67 · 74 67 · 74	$67 \cdot 24$ $67 \cdot 24$ $67 \cdot 24$ $67 \cdot 32$ $67 \cdot 40$	66 · 32 66 · 32 67 · 99 67 · 74 67 · 65	66 · 32 66 · 24 66 · 24 66 · 24 66 · 74	67.65 68.07 68.07 68.07 69.07
16	72·07 72·15 72·24 72·07 72·40	71.49 71.40 71.24 71.15	69 · 24 69 · 15 69 · 15 68 · 99 68 · 99	68·49 68·49	67 · 99 67 · 99 68 · 07 67 · 90 67 · 90	$67 \cdot 32$ $67 \cdot 32$ $67 \cdot 24$ $67 \cdot 24$ $67 \cdot 24$	67 · 24 67 · 24 67 · 57 67 · 24 67 · 07	67 · 74 67 · 65 67 · 82 67 · 65	$67 \cdot 32$ $67 \cdot 15$ $67 \cdot 07$ $67 \cdot 15$ $67 \cdot 15$	67.65 66.49 66.24 66.49 66.49	66 · 65 66 · 65 66 · 32 66 · 32	68-90 68-57 68-57 68-74 68-57
21 22 23 24 25	72·57 72·82 72·90 73·07 73·07	70·82 70·57 70·40 70·40 70·49	68 · 90 68 · 90 68 · 82 68 · 82 68 · 90	68-40 68-32	67 · 90 67 · 82 67 · 82 67 · 65 67 · 65	67 · 24 67 · 24 67 · 24 67 · 24 66 · 97	67 · 07 67 · 24 67 · 24 67 · 24 67 · 40	67 · 49 67 · 49 67 · 32 67 · 40 67 · 49	$67 \cdot 32$ $67 \cdot 49$ $67 \cdot 49$ $67 \cdot 49$ $67 \cdot 07$	$66 \cdot 40$ $67 \cdot 24$ $66 \cdot 32$ $66 \cdot 15$ $65 \cdot 99$	66·32 66·40 66·32 66·32	68.57 68.57 68.57 68.57 68.57
26. 27. 28. 29. 30. 31.	73 · 15 73 · 07 73 · 24 73 · 24 73 · 15	70 · 49 70 · 24 70 · 07 69 · 99 69 · 90	68 · 82 68 · 90 68 · 82 68 · 65 68 · 65	68 · 49 68 · 24 68 · 24 68 · 32 68 · 24 68 · 07	67 · 65 67 · 65 67 · 65 67 · 57 67 · 74 67 · 74	66 · 82 67 · 24 67 · 24 67 · 24 67 · 07	67 · 40 67 · 32 67 · 49 67 · 49 67 · 40 67 · 57	67 · 49 67 · 40	$67 \cdot 15$ $67 \cdot 49$ $67 \cdot 49$ $66 \cdot 74$ $66 \cdot 65$ $67 \cdot 40$	65 · 74 65 · 74 66 · 40 66 · 57 66 · 74 66 · 65	66·40 66·40 66·24	68-40

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock, No. 5, for 1871-72.

TABLE No. 634. 70 · 40 70 · 57 70 · 57 70 · 57 68-07 68-07 67-99 67-90 66-32 65 · 57 65 · 57 66 · 57 66 · 82 69·57 69·57 69·40 66.24 65-22 67 · 32 67 · 32 67 · 32 68-15 68-15 66-99 66·24 66·32 $66 \cdot 32$ 65·15 65·57 65·32 65·24 65·07 65·07 66.24 67 - 49 67.32 66-99 65.99 65-65 68 - 15 69.24 68.07 66-82 65-15 64.82 67 · 32 67 · 24 67 · 15 67 · 49 67 · 24 66.90 66.74 66.65 66 - 24 68-24 64.99 68·15 69·15 69 - 32 $66 \cdot 32$ $66 \cdot 24$ 66-32 64 - 40 69.40 64.90 66.32 10 69 - 15 69-24 66.57 66.24 65.82 66-40 $66 \cdot 24$ 71 · 49 71 · 32 71 · 24 71 · 24 67 · 90 67 · 82 67 · 82 67 · 82 69 - 2; 68-99 67·32 67·07 66 · 57 66 · 65 66-49 65.90 66.40 66.65 65.07 69-32 65.90 66.24 69 - 07 66.32 66 · 32 65 · 82 64 · 74 65:07 65·57 65·49 66.99 64.90 69.40 66.90 66-24 69 - 40 68.99 $67 \cdot 82$ 66.90 65.40 64.99 66-90 66 · 32 66 · 57 66-49 69 · 24 69 · 24 69 · 07 68.90 68.74 68.74 66-99 67-15 67-15 66 · 31 66 · 15 66-07 66.49 66 · 65 66 · 24 66 - 15 64.99 64-40 66.74 66-65 66 · 24 66 · 32 65-49 64.40 69·57 69·74 69·74 67 · 74 67 · 65 67 · 57 65 · 57 65 · 90 65 · 90 68-65 66-15 64 - 15 64 - 32 66.74 66 - 32 66 · 32 66 · 24 66-67 68 · 57 66.82 64 - 90 64.90 66 - 40 65 - 90 66-40 66-07 64-90 64.57 64.89 69-82 68 - 49 67 - 40 66.74 66-40 65-96 66 - 15 65.82 65.82 64-90 65 · 96 65 · 96 65 · 96 68 - 40 66-40 66-24 66-65 $65 \cdot 07$ $65 \cdot 57$ 64.74 67 - 49 67 - 40 67 - 32 66 · 24 66 · 15 66-65 66 - 40 65.57 65.57 65.49 66-32 68.32 $65 \cdot 24$ $65 \cdot 15$ 66.24

6 GEORGE V, A. 1916

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1872–73.

TABLE No. 635.

P												
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	64 · 74 64 · 40 64 · 49 64 · 40 64 · 40	67 · 49 67 · 82 67 · 74 67 · 82 68 · 07	68-90 68-82 68-74 68-74 68-82	67·32 67·32 67·32 67·24 67·15	66 · 40 66 · 32 66 · 32 66 · 40 66 · 32	66 · 07 66 · 07 66 · 07 65 · 99 65 · 90	66·32 66·32 66·24 66·15 66·07	66·49 66·57 66·57 66·57 66·49	65 · 82 65 · 90 65 · 99 66 · 07 65 · 90	65 · 57 65 · 99 66 · 24 65 · 57 65 · 40	65 · 82 65 · 82 65 · 57 66 · 24 65 · 74	65 · 24 65 · 32 65 · 32 65 · 24 65 · 24
6	64 · 57 64 · 57 64 · 82 65 · 15 65 · 74	68·15 68·32 68·49 68·57 68·74	68 · 82 68 · 82 68 · 82 68 · 82 68 · 82	67 · 15 67 · 15 66 · 99 66 · 90 66 · 90	66·32 66·32 66·32 66·40	65·90 65·99 65·99 65·90	66·07 66·24 66·57 66·82 66·90	66·40 66·40 66·40 66·32	65 · 82 65 · 82 65 · 82 66 · C7 65 · 74	65·40 64·99 65·15 65·65 65·74	66 · 15 65 · 65 65 · 40 65 · 57 64 · 57	65 · 49 65 · 24 65 · 15
11 12 13 14 15	66·15 66·49 66·57 66·90 66·90	68 · 65 68 · 90 68 · 82 68 · 90 68 · 99	68 · 90 68 · 90 68 · 74 68 · 74	66 · 99 66 · 99 66 · 82 66 · 74 66 · 65	$66 \cdot 15$ $66 \cdot 07$ $66 \cdot 07$ $66 \cdot 07$ $66 \cdot 24$	65.90 65.99 66.07 65.99	66 · 82 66 · 74 66 · 49 66 · 65	66·67 66·24 66·40 66·32 66·74	65·40 65·40 64·90 66·65 67·24	65·74 65·99 65·99 65·65 65·57		65-65 65-74 65-49 65-32 65-49
16. 17. 18. 19. 20.	66 · 90 66 · 65 66 · 65 66 · 65 66 · 74	69 · 15 69 · 15 69 · 15 69 · 15 69 · 15	68 · 57 68 · 49 68 · 24 68 · 24 68 · 15	66·65 66·74	66 · 07 66 · 07 66 · 07 66 · 07 66 · 07	65-90 65-90 65-99 66-07 66-32	66 · 57 66 · 57 66 · 65 66 · 65 66 · 74	66·49 66·49 66·40 66·40	67 · 15 67 · 07 67 · 07 67 · 15 67 · 24	65 · 57 65 · 82 65 · 49 65 · 82 65 · 65	65 · 65 65 · 40	65.82
21 22 23 24 25	66 · 90 67 · 24 67 · 32 67 · 49 67 · 49	69·15 69·15 69·07 68·99 69·07	68 · 15 68 · 07 67 · 90 67 · 74	66 · 57 66 · 57 66 · 49	65-99 66-32 66-32 66-32 66-15	66·40 66·40 66·24 66·32 66·32	66 · 57 66 · 65 66 · 74 66 · 57 66 · 49	66·32 66·15 66·15 66·15 66·07	66.82 67.15 66.82 66.74 65.57	66·32 66·32 65·99 65·65	64·74 64·82 65·07	
26	67 · 40 67 · 49 67 · 49 67 · 49 67 · 49	69-07 68-90 68-90 68-90 68-82	67 · 57 67 · 49 67 · 49 67 · 49 67 · 40	66·40 66·40	66·15 66·15 66·07 65·99 66·15 66·15	66·32 66·24 66·32	66-24 66-07 66-40 66-32 66-32	66-07 66-07 65-99 65-99 66-15	65 · 65 65 · 57 65 · 07 65 · 07 65 · 32 65 · 49	65·99 66·65 66·74 66·07 65·57 66·24	65·82 65·40	65 · 99 65 · 90 65 · 65 65 · 74 65 · 82 66 · 07

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1873–74.

				101 10					TAB	LE No.	636.
1	66 · 24 66 · 49 66 · 90 67 · 32 67 · 74	69-49 69-49 69-57	11.65 68.57 11.49 68.57 11.24 68.57 11.07 68.57 11.07 68.65	67 · 74 67 · 74 67 · 74 67 · 65 67 · 65	66 · 82 67 · 07 66 · 90 66 · 82 66 · 90	66·90 66·90 66·74 66·57 66·90	67 · 65 67 · 57 67 · 74 67 · 65 67 · 57	67·07 66·74 66·82 67·32 67·90	67 · 07 67 · 74 67 · 74 67 · 24 67 · 40	67·99 68·15 67·90 67·90 67·90	67·82 67·40 67·49 67·99 68·15
6	67 · 90 67 · 90 67 · 99 68 · 15 68 · 57	70·07 70·07 70·24	70-99 68-65 70-82 68-49 70-65 68-49 70-49 68-49 70-32 68-32	67 · 65 67 · 57 67 · 57 67 · 57 67 · 40	66 · 90 66 · 82 66 · 82 66 · 74 66 · 74	66 · 99 67 · 07 66 · 99 67 · 07 67 · 07	$67 \cdot 49$ $67 \cdot 32$ $67 \cdot 32$ $67 \cdot 49$ $67 \cdot 49$	$67 \cdot 99$ $67 \cdot 82$ $67 \cdot 40$ $67 \cdot 24$ $67 \cdot 24$	67-65 67-82 67-65 68-07 68-32	67-99 68-49 68-32 68-07 68-49	68 · 65 68 · 57 67 · 40 67 · 32 67 · 07
11	69 · 07 69 · 40 69 · 40 69 · 49 69 · 65	70·74 70·99 71·24	70-40 68-32 70-24 68-24 70-C7 68-15 39-90 68-15 69-82 68-07	67 · 32 67 · 32 67 · 15 67 · 07 67 · 15	66 · 65 66 · 65 66 · 90 66 · 74 66 · 57	67 · 07 67 · 15 67 · 15 67 · 24 67 · 07	67·32 67·24 67·40 67·15 66·99	67 · 24 67 · 15 66 · 82 66 · 90 66 · 82	68 · 49 68 · 57 68 · 49 68 · 40 68 · 32	68·32 68·24 68·07 67·90 68·15	67·57 67·49 67·40 67·57 67·82
16 17 18 19 20	69·65 69·82 69·90 70·32 70·49	71.57 71.65 71.57	69·74 68·07 69·82 67·82 69·49 67·82 69·49 67·90 69·74 68·15	67·15 67·24 67·07 67·07 67·07	66 · 99 66 · 57 66 · 57 66 · 57 66 · 74	67 · 07 66 · 99 66 · 82 66 · 99 67 · 15	66 · 82 66 · 90 66 · 74 66 · 90 66 · 90	67 · 57 67 · 32 67 · 07 66 · 82 66 · 90	67 · 99 67 · 65 68 · 65 69 · 40 68 · 90	67-90 67-65 67-32 67-57 68-07	67-90 67-74 67-57 67-74 67-74
21	70 · 40 70 · 24 70 · 15 70 · 67 69 · 99	71-49 71-40 71-49	69-4C 68-07 69-32 68-C7 69-15 67-99 68-90 67-99 68-9C 67-82	67·07 67·07	66·74 66·49 66·57 66·57 66·57	67 · 15 67 · 24 67 · 49 67 · 65 67 · 65	66.90 66.82 66.74 66.49 66.65	$66 \cdot 74$ $66 \cdot 57$ $67 \cdot 07$ $67 \cdot 74$ $67 \cdot 32$	68 · 74 68 · 74 68 · 40 68 · 07 68 · 24	67·99 67·99 67·57 66·99 67·57	68 · 90 68 · 82 68 · 74 68 · 65 69 · 07
26. 27. 28. 29. 30. 31.	69·90 69·82 69·74 69·65 69·57	71.32 71.49 71.49 71.57	68·90 67·82 68·82 67·82 68·74 67·65 68·74 67·82 68·57 67·82 67·74	66 · 90 66 · 82 66 · 82	66 · 74 66 · 65 66 · 65 66 · 90 66 · 82	67·49 67·40 67·49 67·65 67·49 67·40	66 · 74 66 · 57 66 · 74, 66 · 82 66 · 96	66 · 57 66 · 32 66 · 40 66 · 07 66 · 65 66 · 65	67 · 99 67 · 90 67 · 65 67 · 65 67 · 90 67 · 90	67 · 65 67 · 40 67 · 65	68-74 68-57 68-57 68-40 68-57 68-40

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1874-75.

TABLE No. 637.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	68·24 68·24 68·40 67·90 68·07	68·49 68·49 68·40 68·32 68·32	70·99 71·07 70·99 70·90 70·90	70·15 69·82 69·90 69·65 69·57	68·49 68·40 68·24 68·07 67·99	66 · 99 66 · 90 66 · 90 66 · 90	66 · 65 66 · 57 66 · 74 66 · 74 66 · 65	66 · 49 66 · 49 66 · 40 66 · 32 66 · 32	65-90 65-99 66-07 66-15 65-99	65·24 65·82 66·57 66·32 66·99	65 · 65 65 · 07 65 · 15 64 · 90 63 · 82	64 · 24 64 · 74 65 · 57 65 · 74 65 · 24
6	67.99 67.90 67.82 67.74 67.65	68·40 68·40 68·74 68·57 68·65	70·82 70·74 70·90 70·65 70·74	69 · 49 69 · 49 69 · 32 69 · 32	67·90 67·90 67·90 67·90 67·82	67·15 66·99 66·90 66·82 66·90	66 · 49 66 · 49 66 · 40 66 · 57 66 · 57	66 · 57 66 · 49 66 · 32 66 · 32 66 · 40	65.99 66.07 66.07 65.99 65.99	66 · 24 64 · 57 65 · 74 65 · 15 65 · 99	63 · 49 62 · 82 63 · 07 63 · 32 62 · 90	65·40 65·15 64·99 64·99
11	67.74 67.90 68.07 67.90 68.15	68 · 90 69 · 07 69 · 24 69 · 40 69 · 40	70.57 70:49 70.74 70.65 70.65	69 · 15 68 · 99 68 · 99 68 · 99	67 · 82 67 · 74 67 · 74 67 · 65 67 · 65	66 · 82 66 · 74 66 · 65 66 · 65 66 · 74	66 · 82 66 · 74 66 · 65 66 · 65 66 · 65	66 · 40 66 · 24 66 · 15 66 · 07	66.07 66.07 65.99 65.74 65.74	65.65 65.32 65.32 64.82 64.57	63 · 24 63 · 90 63 · 74 63 · 99 63 · 82	64 · 82 64 · 90 64 · 99 64 · 99 64 · 82
16. 17. 18. 19.	68-65 68-90 68-74 68-74 68-65	69 · 57 69 · 90 69 · 90 70 · 40 70 · 57	70 · 49 70 · 57 70 · 74 70 · 49 70 · 40	68-99 68-82 68-74 68-65 68-65	67 · 57 67 · 49 67 · 57 67 · 57 67 · 57	66 · 82 66 · 57 66 · 49 66 · 65 66 · 74	66.57 66.65 66.57 66.57 66.49	66 · 07 66 · 07 66 · 32 66 · 24 66 · 07	65 · 90 66 · 74 66 · 65 66 · 65 67 · 97	66.57	63 · 90 64 · 82 65 · 40 65 · 65 65 · 32	64 · 90 64 · 90 65 · 24 65 · 32 66 · 07
21	68-96 68-99 68-82 68-82 68-65	70·74 71·07 71·07 71·24 71·07	70 · 40 70 · 49 70 · 57 70 · 74 70 · 74	68·57 68·49 68·49 68·32 68·32	67 · 49 67 · 40 67 · 32 67 · 15 67 · 15	66 · 82 66 · 82 66 · 82 66 · 65 66 · 74	66 · 49 66 · 49 66 · 32 66 · 24 66 · 32	66 · 15 66 · 15 65 · 74 66 · 32 66 · 49	66 · 90 66 · 99 66 · 57 66 · 32	65 · 40 65 · 65	65·32 65·24 65·24 64·99 64·65	66 · 40 66 · 07 65 · 65 65 · 82 66 · 07
26. 27. 28. 29. 30. 31.	68-57 68-90 68-74 68-65 68-74	71·40 71·24 71·15 70·99 70·90 70·90	70·40 70·32 70·32 70·15 70·24	68 · 24 68 · 24 68 · 15 68 · 15 68 · 24 68 · 24	67 · 15 67 · 07 67 · 07 67 · 07 67 · 15 67 · 15	66-65 66-65 66-65 66-74	66-40 66-32 66-24		66 · 40 67 · 32 67 · 15 66 · 74 65 · 65 65 · 49	64 · 99 65 · 40 66 · 57	64 · 57 64 · 15 64 · 24	65·40 65·49 65·40 65·32 65·32 65·24

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1875–76.

TABLE No. 638.

										1.	ARLE V	0. 638.
1	65 · 24 65 · 57 66 · 07 66 · 40 66 · 49	67-49 67-65 68-15 68-15 68-07	69 · 99 69 · 82 69 · 65 69 · 65 69 · 49	67 · 82 67 · 74 67 · 57 67 · 49 67 · 40	66·99 66·74 66·65 66·65 66·82	66 · 65 66 · 57 66 · 49 66 · 74 66 · 65	$66 \cdot 32$ $66 \cdot 40$ $66 \cdot 32$ $66 \cdot 32$ $66 \cdot 24$	66 · 90 66 · 57 66 · 57 66 · 40 66 · 40	$65 \cdot 90$ $66 \cdot 15$ $67 \cdot 07$ $67 \cdot 65$ $67 \cdot 57$	66 · 82 66 · 82 66 · 82 66 · 82 67 · 57	67 · 57 67 · 32 66 · 24 66 · 49 66 · 57	66 · 74 66 · 65 66 · 74 66 · 82
6 7 8 9	66 · 82 66 · 82 66 · 65 66 · 57 66 · 57	67·99 68·07 68·24 68·32 68·82	$69 \cdot 49$ $69 \cdot 24$ $69 \cdot 15$ $69 \cdot 07$ $68 \cdot 90$	67·40 67·40 67·40 67·40 67·40	66.65 66.74 66.74 66.82 66.90	66.65 66.57 66.57 66.49 66.57	66 · 07 66 · 32 66 · 32 66 · 40 66 · 32	66·40 66·32 66·32 66·24 66·24	67 · 40 67 · 15 66 · 99 66 · 99 66 · 82	67·74 67·74 67·90 67·99 67·99	66 · 74 67 · 32 67 · 15 66 · 99 66 · 40	$66 \cdot 65$ $66 \cdot 74$ $67 \cdot 82$ $68 \cdot 15$ $68 \cdot 24$
11 12 13 14 15	66 · 90 67 · 07 67 · 07 67 · 07 67 · 15	69·24 69·49 69·90 69·99 70·24	68 · 82 68 · 74 68 · 82 68 · 82 68 · 49	67·57 67·40 67·24 67·24 67·24	66-74 66-65 66-90 66-82 66-74	66 · 57 66 · 32 66 · 32 66 · 32 66 · 32	66 · 40 66 · 40 66 · 49 66 · 24 66 · 32	$66 \cdot 32$ $66 \cdot 32$ $66 \cdot 32$ $66 \cdot 15$ $65 \cdot 90$	$67 \cdot 07$ $66 \cdot 99$ $66 \cdot 49$ $66 \cdot 32$ $65 \cdot 99$	67.65 67.74 67.90 67.65 67.57	66 · 74 66 · 90 67 · 15 67 · 15 67 · 07	$68 \cdot 07$ $67 \cdot 49$ $67 \cdot 74$ $67 \cdot 15$ $67 \cdot 15$
16 17 18 19 20	66 · 99 67 · 40 67 · 65 67 · 65 67 · 65	70·57 70·99 71·07 71·07 71·15	68 · 49 68 · 24 68 · 07 68 · 07 68 · 07	67 · 24 67 · 15 67 · 07 67 · 07 67 · 07	66 · 74 66 · 82 66 · 90 66 · 90 66 · 99	$66 \cdot 15$ $66 \cdot 24$ $66 \cdot 24$ $66 \cdot 24$ $66 \cdot 15$	66 · 40 66 · 90 66 · 32 66 · 40 66 · 65	66 · 07 66 · 40 66 · 07 66 · 24 66 · 40	$66 \cdot 15$ $66 \cdot 57$ $66 \cdot 40$ $66 \cdot 32$ $65 \cdot 90$	67 · 57 67 · 65 67 · 65 67 · 65 67 · 90	67 · 07 67 · 24 67 · 40 67 · 74 67 · 99	67 · 90 67 · 65 67 · 40 67 · 40 67 · 57
21 22 23 24 25	67 · 24 67 · 15 67 · 07 67 · 07 67 · 15	71 · 15 71 · 15 71 · 07 70 · 96 70 · 82	67.99 67.90 67.90 67.82 67.90	$67 \cdot 15$ $67 \cdot 07$ $67 \cdot 07$ $67 \cdot 15$ $67 \cdot 07$	66 · 99 66 · 99 66 · 90 66 · 82 66 · 74	66-40 66-40 66-40 66-32	66 · 57 66 · 49 66 · 40 66 · 40 66 · 40	66 · 40 66 · 24 66 · 15 66 · 40 66 · 24	$66 \cdot 32$ $66 \cdot 74$ $66 \cdot 57$ $66 \cdot 99$ $67 \cdot 15$	67 · 82 67 · 40 67 · 82 67 · 74 67 · 74	68 · 15 67 · 49 67 · 07 66 · 65 66 · 82	$67 \cdot 40$ $67 \cdot 15$ $67 \cdot 07$ $67 \cdot 15$ $67 \cdot 57$
26 27 28. 29 30 31	67·24 67·24 67·24 67·15 66·57	70 · 74 70 · 65 70 · 40 70 · 24 70 · 24 70 · 15	67-82 67-82 67-82 67-74 67-82	66 · 99 66 · 99 67 · 07 67 · 07 67 · 07 67 · 07	66 · 65 66 · 74 66 · 74 66 · 74 66 · 65 66 · 65	66·32 66·24 66·32 66·15 66·15	66 · 15 66 · 40 66 · 40 66 · 32 65 · 99 66 · 65	66 · 15 66 · 32 66 · 15 66 · 32 66 · 07	67 · 32 67 · 40 67 · 65 67 · 74 67 · 65 67 · 07	67.65 67.82 68.15 68.15 66.74 67.24	67·24 67·74 67·40 66·82	$67 \cdot 57$ $67 \cdot 15$ $67 \cdot 15$ $67 \cdot 24$ $67 \cdot 15$ $67 \cdot 32$

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1876-77.

TABLE No 639

										Т	ABLE :	No. 639
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	67·40 67·49 67·49 67·49 67·49	71·57 71·32 71·07 71·24 71·40	72·74 72·57 72·49 72·24 72·32	70·49 70·40 70·65 70·24 70·15	68·74 68·65 68·57 68·57 68·57	67 · 74 67 · 90 67 · 82 67 · 74 67 · 74	67 · 40 67 · 40 67 · 40 67 · 57 67 · 65	67 · 24 67 · 24 67 · 57 67 · 49 67 · 49	67 · 24 67 · 15 66 · 82 67 · 40 67 · 32	67 · 65 67 · 99 67 · 99 67 · 57 67 · 40	66-90 66-57 66-49 66-40 66-74	66-49 66-90 66-57 66-65 66-82
6	67·90 68·24 68·49 68·57 68·40	$71 \cdot 57$ $71 \cdot 74$ $71 \cdot 99$ $72 \cdot 32$ $72 \cdot 65$	72 · 07 71 · 82 71 · 65 71 · 56 71 · 40	70·15 70·15 70·07 70·07 70·15	68·57 68·57 68·49 68·40 68·40	67 · 65 67 · 57 67 · 57 67 · 49 67 · 57	67 · 40 67 · 49 67 · 65 67 · 49 67 · 57	$67 \cdot 40$ $67 \cdot 40$ $67 \cdot 32$ $67 \cdot 40$ $67 \cdot 40$	67 · 49 67 · 57 67 · 49 67 · 24	67·99 67·99 68·24 68·07 67·90	$66 \cdot 49$ $66 \cdot 40$ $66 \cdot 40$ $66 \cdot 74$ $66 \cdot 90$	66.90 66.99 67.07 67.07 66.65
11	68·32 68·49 68·74 69·15 69·65	73.07 73.32 73.57 73.74 73.82	71 · 40 71 · 32 71 · 15 71 · 15 71 · 24	70·07 70·07 69·99 69·82 69·82	68-32 68-24 68-32 68-24 68-32	$67 \cdot 49$ $67 \cdot 40$ $67 \cdot 32$ $67 \cdot 24$ $67 \cdot 32$	67 · 65 67 · 65 67 · 40 67 · 32 67 · 40	67 · 40 67 · 49 67 · 49 67 · 40 67 · 40	67 · 15 67 · 40 67 · 82 67 · 65 67 · 57	67 · 74 67 · 32 67 · 07 67 · 07 67 · 07	66 · 57 66 · 40 66 · 32 66 · 15 66 · 32	66·74 66·74 66·90 66·90 66·65
16	70·07 70·32 70·40 70·40 70·40	73 · 82 73 · 74 73 · 82 73 · 74 73 · 74	71·24 71·24 71·24 71·24 71·24	69 · 74 69 · 65 69 · 49 69 · 40 69 · 57	68·07 68·07 67·99 68·07 68·15	67·32 67·15 66·90 66·99 67·24	67 · 32 67 · 32 67 · 24 67 · 07 67 · 07	67·32 67·40 67·40 67·40 67·24	67·90 66·99 66·74 66·99		66 · 74 66 · 57 66 · 40 66 · 74 67 · 07	66·90 66·57 66·57 66·49 66·49
21	70·40 70·65 70·74 70·82 70·74	73·74 73·65 73·65 73·57 73·57	71·32 71·40 71·32 71·24 71·15	69·32 69·15 69·07 69·07 68·99	68·07 67·99 67·90 67·90 67·82	67·24 67·15 67·15 67·15 67·24	67·07 67·24 67·15 67·15 67·40	67 · 24 67 · 24 67 · 49 67 · 57 67 · 57	67 · 32 67 · 74 67 · 82 67 · 90 67 · 82		67·07 66·74 66·49 66·24 65·65	66.82 66.65 66.57 66.57 66.65
26	70·82 70·90 71·07 71·15 71·24	73·49 73·49 73·32 73·15 73·07 72·82	70-99 70-82 70-90 70-74 70-57	68-90 68-99 68-90 68-90 68-82	67 · 82 67 · 99 67 · 90 67 · 74 67 · 74 67 · 74	67·32 67·49 67·65 67·49 67·49	67 · 32 67 · 32 67 · 24 67 · 24 67 · 07 67 · 07	67 · 49 67 · 40 67 · 40 67 · 40 67 · 32	68-40 68-57 68-74	67 · 57 67 · 40 67 · 24 67 · 40		66 · 57 66 · 74 67 · 32 67 · 57 67 · 49 67 · 57

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1877–78.

TABLE No. 640. 67 · 15 67 · 07 67 · 24 67 · 24 66·32 66·07 66·57 66·57 $67 \cdot 15 \\ 67 \cdot 15 \\ 67 \cdot 24 \\ 67 \cdot 15$ 1..... 67 · 49 67 · 82 68 · 15 68-32 67 · 65 67 · 82 67 · 65 66.90 66 · 32 66 · 15 66 · 07 66.49 $67 \cdot 32$ 66 - 99 66.90 69-40 68·15 66 · 40 66 · 65 66 · 99 67 · 15 67·15 66·90 68-15 67 - 15 67.49 69.07 67 - 65 66-74 66.24 66.49 66.82 67 - 15 67 · 57 67 · 74 67 · 65 66.24 66.40 68-65 68-57 66 · 24 66 · 57 66.90 67.24 67.74 66-15 66.32 10. 67 - 15 66.57 66.57 66.57 67·49 67·07 66·90 66 · 57 66 · 65 67 · 15 68·15 68·07 68·07 68-49 67 - 99 66-49 $66 \cdot 24$ 66·49 66·49 66.90 67.32 67.24 68.65 68-07 68 - 40 67 · 40 67 · 57 67 · 57 67 · 40 66.57 66.57 66.5766-15 66-65 66-57 16. 67.82 66 · 24 66 · 24 66 · 24 66 · 07 $66 \cdot 99$ $66 \cdot 74$ $66 \cdot 65$ 68 · 07 67 · 90 66-90 66.82 66.57 67 · 74 67 · 65 67 · 74 67 · 65 67 · 90 66·07 65·99 21 . 22 . 23 . 68-57 67 · 57 67 · 49 67 · 40 66.49 66-40 66·90 66·57 66 - 40 66.32 66·57 66·74 69-15 $69 \cdot 15$ 68-40 66.24 66.82 67 · 40 67 · 24 67 · 49 67 · 49 66-57 66.82 27. 66-32 66-15 66-24 66-74 66.82 66.74 66.7466 · 32 66 · 24 66-65

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1878–79.

TABLE No. 641. Aug. Sept. Day. April. May. June. July. Oct. Dec. Jan. Feb. March 67·57 67·74 67·74 67·74 68.82 68-65 68.07 67.99 67.99 67-49 67.57 68 - 99 69.32 69·07 68·57 67-57 67·74 67·74 68 · 82 68 · 82 68 · 82 68.74 68.74 68.74 67 · 49 67 · 40 67 · 32 69·07 69·15 68-82 69-07 69-15 3..... 69·57 69·57 69·57 $68 \cdot 24$ 4..... 5.... 67.99 67-15 67.74 69-07 68.74 67-74 67.40 67.57 68.74 69.07 69-35 67 · 32 67 · 40 67 · 32 67 · 32 67·99 68·07 69.07 68·40 68·40 $67 \cdot 99 \\ 67 \cdot 90 \\ 67 \cdot 99$ 67·65 67·65 67-49 67-57 67-49 67-65 69.07 66.90 67.24 67.07 68-40 69 - 15 68-40 68-40 68-49 68 · 24 68 · 32 67·32 67·24 67·15 67·57 67·57 $\begin{array}{c} 67 \cdot 49 \\ 67 \cdot 49 \\ 67 \cdot 49 \\ 67 \cdot 32 \\ 67 \cdot 40 \end{array}$ 69-57 67.90 68-15 67-90 67-82 67-90 68.32 69.32 68.32 67.90 67.82 67.74 67.82 67.74 69-57 67-99 67-82 67-82 68-40 69.82 69.74 68·32 68·57 68·82 67 · 32 67 · 57 67 · 57 69.49 68.40 68 - 90 68-32 67 · 49 67 · 57 67 · 74 67 · 74 68.32 67.74 67 - 49 68 - 24 67·74 67·74 67·74 69.32 68.32 68.32 67.49 67.57 67.57 68-07 67-99 68-07 18..... 68-99 68 · 49 69 · 15 68.99 69-15 21 22 23 24 68-07 67.99 67.99 67.99 69.07 68·57 68.07 67.57 67.65 67.57 67.49 67.65 68-07 67-99 68-07 67 · 65 67 · 65 67 · 57 67 · 90 67 · 90 67 · 57 69.07 68-49 68.57 68-07 67-40 68.82 69-40 67.74 67.82 67.82 67.74 67.65 68-07 68.99 67.74 68-90 69-65 68-57 67-99 68-07 67.57 67.49 67.49 67.40 67.74 67.65 67.57 67.57 67 · 24 67 · 32 67 · 40 67 · 57 68-99 67 · 15 67 · 15 68-24 68-32 68 · 65 68 · 82 69-65 69-40 68-90 69·24 69·57 68-65 68-07 68 - 65 68-15 $68 \cdot 57$ 68-82 $69 \cdot 24$ 69 · 24

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1879–1880.

TABLE No. 642. 68 · 15 67 · 74 67 · 65 67 · 57 $67 \cdot 74$ $67 \cdot 82$ $67 \cdot 90$ 68-57 68-57 68-49 67 · 99 67 · 99 67 · 90 67-49 66-99 66-90 66 - 65 66.49 66.99 66.90 66·82 66·99 66·32 65·99 68 · 32 67 · 74 66.40 66.49 68-07 66.90 66.90 66-15 66.32 67 · 15 67 · 15 67 · 15 66 · 90 66-15 66-24 66.82 68-15 66·74 66·74 66·74 66·57 68·24 68·24 66.74 69·99 69·74 66-07 66.90 $66 \cdot 24$ 66.82 66.99 66.82 $67 \cdot 07$ $67 \cdot 15$ $67 \cdot 15$ $67 \cdot 07$ $67 \cdot 07$ 69 · 57 69 · 57 68 · 24 68 · 15 67·40 67·40 66.99 66-65 66 - 15 67.90 67·74 67·99 66.15 68-32 66.99 68-32 66.57 66.57 17. 18. 19. 69 - 15 66.4 68 · 74 67 · 82 67 · 24 67 · 82 67 · 57 67 · 65 69-15 60.40 66·57 66·74 69-15 21..... 69-65 69-07 68.07 67-15 67.07 66-57 66-65 67 - 07 66-99 67.99 69.74 69.74 69.82 67-99 67-99 66.57 66.74 69.07 66.57 68·07 67·99 66-65 69-65 69-74 69-74 71·49 71·24 71·15 70·90 70·74 70·65 67.90 66-57 66-49 68-32 67.07 67 - 57 68 · 82 68 · 74 66-90 66-90 66 · 49 66 · 49 66 · 40 66 · 40 66·57 66·74 66·74 67 · 82 68 · 15 66.65

6 GEORGE V, A. 1916

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1880–81.

TABLE No. 643.

											TOLL 1	10. 010.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan,	Feb.	March.
1 2 3 4 5	67·32 67·57 67·82 68·40 69·24	70 · 49 70 · 24 70 · 15 70 · 15 70 · 15	71 · 07 70 · 90 70 · 74 70 · 65 70 · 57	69·15 69·07 68·99 68·90 68·82	67·99 67·99 67·99 67·90 67·90	66-99 66-99 67-07 67-15 67-15	66-90 66-82 66-90 66-82 66-82	66·90 67·07 66·90 66·82 66·90	66 · 99 67 · 07 67 · 07 67 · 32 67 · 24	67 · 82 67 · 74 67 · 90 67 · 32 67 · 07	66 · 57 65 · 90 65 · 82 66 · 07 66 · 65	66 · 24 65 · 90 66 · 07 65 · 90 65 · 74
6	69-65 69-65 69-57 69-40 69-15	$70 \cdot 40$ $70 \cdot 24$ $70 \cdot 24$ $70 \cdot 40$ $70 \cdot 49$	70 · 49 70 · 57 70 · 49 70 · 40 70 · 24	68 · 82 68 · 65 68 · 65 68 · 65	67 · 82 67 · 74 67 · 74 67 · 82 67 · 74	$67 \cdot 15$ $67 \cdot 15$ $66 \cdot 99$ $66 \cdot 90$ $66 \cdot 82$	66-90 66-90 66-82 66-90	$66 \cdot 99$ $67 \cdot 74$ $67 \cdot 49$ $67 \cdot 40$ $67 \cdot 32$	$67 \cdot 40$ $67 \cdot 32$ $67 \cdot 15$ $67 \cdot 15$ $67 \cdot 07$	67·40 67·74 67·65 68·15 67·99	66 · 99 67 · 07 66 · 99 66 · 15 65 · 65	65 · 74 65 · 74 65 · 90 66 · 07 66 · 07
11	69·15 69·16 68·99 68·99 68·90	70 · 65 70 · 82 70 · 90 70 · 90 70 · 99	$70 \cdot 24$ $70 \cdot 24$ $70 \cdot 15$ $70 \cdot 24$ $70 \cdot 15$	68·57 68·49 68·32 68·32 68·32	67 · 65 67 · 57 67 · 65 67 · 57 67 · 57	66-90 66-90 66-90 66-90	66-90 66-99 66-74 66-74	67 · 32 68 · 07 68 · 32 68 · 15 68 · 15	67 · 15 67 · 74 67 · 74 67 · 57 67 · 24	67 · 82 67 · 65 67 · 74 67 · 65 67 · 49	65 · 49 65 · 65 66 · 07 65 · 82 66 · 40	66 · 24 66 · 07 66 · 32 66 · 24 66 · 24
16 17 18 19 20	68 · 90 68 · 99 69 · 24 69 · 40 69 · 74	71 · 24 71 · 32 71 · 32 71 · 32 71 · 24	70 · 07 69 · 99 69 · 90 69 · 90 69 · 90	68·15 68·15 68·24 68·15 68·15	67 · 49 67 · 40 67 · 32 67 · 40 67 · 40	66 · 90 66 · 90 66 · 82 66 · 82	66-74 66-99 67-40 67-24 66-99	68·15 68·32 68·32 68·24 67·99	67·15 66·90 66·90 66·90 67·07	67 · 24 67 · 15 66 · 99 67 · 24 67 · 40	66 · 24 66 · 15 66 · 15 66 · 15 66 · 07	66·32 66·49 66·74 66·90 67·24
21 22 23 24 25	69 · 65 69 · 74 69 · 65 69 · 57 69 · 49	71 · 24 71 · 24 71 · 24 71 · 24 71 · 24 71 · 24	69 · 82 69 · 65 69 · 49 69 · 49 69 · 40	68·32 68·15 68·15 68·15 68·15	67·32 67·49 67·32 67·32 67·24	66-99 66-99 66-90 66-82	66 · 90 66 · 90 66 · 74 66 · 74 66 · 74	68 · 15 67 · 99 67 · 57 67 · 40 67 · 57	67-49 67-82 67-99 68-32 68-40	67·49 67·32 67·15 67·07 66·82	66-07 66-15 65-82 65-49 65-82	67 · 32 68 · 32 68 · 57 68 · 40 68 · 32
26. 27. 28. 29. 30.	69·57 69·74 69·90 69·99 70·24	71.07 71.07 71.07 70.99 70.82 70.90	69·40 69·32 69·24 69·32 69·24	68 · 07 68 · 07 68 · 15 68 · 07 68 · 07 67 · 99	67.07 66.99 67.07 67.07 67.07 66.99	66-82 66-99 66-74 66-90 66-90	66 · 57 66 · 82 66 · 74 66 · 57 66 · 57 66 · 65	67·57 67·40 67·40 67·32 67·24	68 · 24 68 · 24 68 · 49 68 · 49 68 · 40 68 · 07	66·57 66·32 65·82 65·82 66·32 66·32	66 · 49 66 · 74 66 · 49	68·15 67·99 67·82 67·65 67·57 67·15

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1881–82.

TABLE No. 644. 67-07 67-32 67-74 67-74 67-65 68-65 $69 \cdot 40$ $67 \cdot 74$ 66-24 66-24 66.49 68-57 67-32 67-24 67-24 67-24 67-24 2..... 68-90 69.40 67·74 67·82 66 · 57 66 · 57 66.32 66 - 24 66.40 67 · 15 66 · 74 68·57 67·57 69-07 69-07 $69 \cdot 24$ 66.32 66-40 69.24 67·74 67·74 68-74 66.32 66.99 67-40 67-40 68-99 $69 \cdot 15$ 66 - 65 66-24 66.32 66+32 67·49 67·32 67·24 67·24 69-15 69 - 15 $67 \cdot 74$ $67 \cdot 24$ 66.74 66-15 66.32 68-07 69 · 15 69 · 15 68-99 68-90 67 · 65 67 · 57 67 · 57 67 · 24 67 · 15 67 · 24 66-82 66 · 15 66·32 66·24 66·32 66 · 49 66 · 90 68 · 24 68 · 57 68-15 67-90 66-65 9..... 66-24 68-24 67-49 69-32 68-49 67-40 67-24 67.74 67-40 66 - 74 66.07 66-49 66-49 67 · 24 67 · 15 67 · 15 67 · 07 67 · 07 12..... 13.... 14.... 15.... 66-65 66 · 32 66 · 57 67 · 90 68 · 07 67 · 90 67 · 82 65 - 90 66-24 $67 \cdot 40$ $67 \cdot 32$ $67 \cdot 32$ 69.57 68 - 40 66-15 66-40 67 · 49 67 · 49 66 · 07 66.57 66-65 66-74 69.57 66-65 66.32 69.57 16. 17. 18. $67 \cdot 49 \\ 67 \cdot 49 \\ 67 \cdot 49$ $68 \cdot 49$ 67 · 49 67 · 49 67 · 40 66 - 15 66 - 15 66-57 68 - 65 69-65 66 · 82 66·32 65 · 90 66 · 07 66.40 66.65 66-65 66.82 66.32 68-99 68-74 67.40 $67 \cdot 40$ 66.82 66.32 66-07 66.57 66.82 67 · 74 67 · 65 67 · 74 67 · 57 67.40 70.24 67-49 66.82 66-15 66·24 66·24 66-49 66-65 68-65 67 · 40 67 · 49 67 · 57 67 · 57 66 · 82 66 · 74 66 · 74 66-07 68 · 57 67 · 90 67 · 57 $70 \cdot 32$ 68.07 66-07 66 - 24 66 · 32 66 · 24 66 · 32 $67 \cdot 90 \\ 67 \cdot 90$ 66 · 49 66 · 32 66.07 66.07 66-74 66.24 66.07 67 · 90 67 · 74 67 · 90 67 · 90 67 · 90 67 · 40 67 · 40 67 · 40 67 · 40 66 - 57 67 · 65 67 · 74 69.90 66.74 66-40 66-07 $66 \cdot 57$ 69 - 90 66 - 65 66.32 66-07 $66 \cdot 57 \\ 66 \cdot 57$ 66 · 65 66 · 74 66-07 66.07 66-57 67-07 67-24 66 · 65 66 · 24 66 · 32 66-49 68-07

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1882-83.

TABLE No. 645.

									-	A . X.	DLE N). U10.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	68-40 68-15 67-99 67-99	69·32 69·32 69·57 69·40 69·40	71.07 71.07 71.07 70.90 71.15	69 · 90 70 · 07 70 · 07 69 · 99 69 · 90	68 · 74 68 · 65 68 · 65 68 · 57 68 · 57	68·32 68·24 68·32 68·32 68·24	67.90 67.90 67.90 67.90 67.65	67 · 32 67 · 24 67 · 24 67 · 15 66 · 99	66·99 66·99 66·90 66·74 66·99	67 · 24 67 · 24 67 · 24 67 · 40 67 · 40	66·57 66·49 66·99 66·74 66·74	66·74 66·57 66·32 66·57 66·07
6	67 · 90 68 · 90 68 · 65 68 · 57 68 · 57	$69 \cdot 24$	71 · 24 71 · 24 71 · 24 71 · 24 71 · 24 71 · 15	69 · 90 69 · 90 69 · 90 69 · 74 69 · 82	68 · 57 68 · 57 68 · 32 68 · 40 68 · 40	68 · 24 68 · 15 68 · 07 68 · 07 67 · 99	67 · 65 67 · 74 67 · 74 67 · 65 67 · 65	66 · 90 66 · 90 66 · 99 67 · 07 66 · 99	67 · 24 67 · 57 67 · 24 66 · 99 67 · 40	67 · 40 67 · 32 67 · 32 67 · 57 68 · 24	66·82 67·15 66·99 66·90 66·82	66·65 66·74 66·32 66·74 66·99
11	68 · 57 68 · 57 68 · 65 68 · 57 68 · 49	69 · 15 69 · 07 69 · 24 69 · 07 69 · 32	71.07 70.90 70.82 70.65 70.57	69 · 82 69 · 82 69 · 74 69 · 57 69 · 49	68·57 68·74 68·57 68·32 68·40	67 · 90 67 · 65 67 · 74 67 · 65 67 · 90	$67 \cdot 49$ $67 \cdot 32$ $67 \cdot 24$ $67 \cdot 24$ $67 \cdot 40$	66 · 99 66 · 99 67 · 07 67 · 49 67 · 40	67 · 24 67 · 40 67 · 32 67 · 74 67 · 90	67 · 07 66 · 90 66 · 82 67 · 24 67 · 24	66 · 65 66 · 57 66 · 82 66 · 82 66 · 82	66 · 82 66 · 24 66 · 40 66 · 49 66 · 15
16	68 · 40 68 · 49 68 · 57 68 · 57 68 · 82	69 · 65 69 · 74 69 · 82 69 · 82 69 · 99	70 · 40 70 · 40 70 · 40 70 · 57 70 · 74	69 · 40 69 · 24 69 · 24 69 · 32 69 · 32	68 · 40 68 · 40 68 · 40 68 · 49 68 · 49	67 · 99 67 · 99 67 · 90 67 · 90	67 · 40 67 · 49 67 · 49 67 · 40 67 · 32	67 · 40 67 · 40 67 · 24 67 · 24 67 · 24	67 · 74 67 · 99 67 · 99 67 · 99 68 · 07	67 · 32 67 · 57 66 · 99 66 · 99 67 · 07	66·57 66·07 66·07 66·15 66·57	65 · 82 66 · 40 66 · 32 65 · 82 65 · 49
21 22 23 24 25	$69 \cdot 15$ $69 \cdot 40$ $69 \cdot 32$ $69 \cdot 24$ $69 \cdot 24$	69 · 99 69 · 99 70 · 32 70 · 49 70 · 49	70 · 65 70 · 65 70 · 57 70 · 57 70 · 57	$69 \cdot 24$ $69 \cdot 15$ $69 \cdot 07$ $69 \cdot 07$ $68 \cdot 90$	68 · 49 68 · 49 68 · 49 68 · 57 68 · 57	67 · 90 67 · 82 67 · 90 68 · 07 67 · 90	67 · 24 67 · 32 67 · 24 67 · 40 67 · 32	$67 \cdot 24$ $67 \cdot 32$ $67 \cdot 32$ $67 \cdot 49$ $67 \cdot 57$	68 · 07 68 · 49 68 · 57 67 · 74 67 · 24	67 · 15 67 · 82 66 · 65 66 · 82 66 · 90	66 · 65 66 · 49 66 · 32 66 · 07 66 · 24	65·57 65·82 66·07 66·07 66·07
26	69·40 69·07 69·07 69·07 69·24	70 · 49 70 · 57 70 · 65 70 · 65 70 · 74 70 · 74	70·40 70·40 70·32 70·24 70·24	68 · 90 68 · 90 68 · 90 68 · 90 68 · 90	68 · 32 68 · 32 68 · 32 68 · 40 68 · 40 68 · 32	67-90 67-74 67-65 67-74 67-90	67·32 67·32 67·15 67·40 67·32	67·40 67·07 66·99 66·90	67 · 32 66 · 99 67 · 07 67 · 24 67 · 07 66 · 99	67 · 15 67 · 40 67 · 57 67 · 74 67 · 74 67 · 24	65-99 65-90 66-57	65·90 65·90 65·82 65·90 66·07 66·15

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1883-84.

TABLE No. 646. 67 · 82 67 · 74 68 · 07 68 · 07 67 · 99 67 · 90 67 · 90 67 · 90 68·57 68·57 68·57 68·57 66.32 70.90 70.40 69.57 69 - 07 $67 \cdot 40$ 66 - 07 68-90 68-90 70 · 40 70 · 40 70 · 57 69.49 69-15 67 · 40 67 · 82 67 · 99 67 · 99 67 · 99 67 · 57 66.07 69.49 68 · 15 68 · 24 69 · 15 69 · 15 66.07 67 - 90 68-90 67 - 65 66-24 69-57 70.57 70.57 69 - 49 68-40 68-07 68-49 68·74 68·74 69·24 67 - 65 70·49, 70·40, 70·32, 70·15 67 · 99 67 · 90 67 · 82 67 · 74 67 · 82 68.07 68.07 67.99 67.90 67.99 70·49 70·74 70·57 69-65 69-40 68-07 68·32 68·32 $67 \cdot 99 \\ 68 \cdot 15$ $67 \cdot 07$ 69.65 69.57 69.24 10..... 67-49 69.57 69.24 68 - 15 68-49 $66 \cdot 74$ 67 · 90 67 · 82 67 · 90 67 · 90 $\begin{array}{c} 67 \cdot 99 \\ 67 \cdot 99 \\ 67 \cdot 90 \\ 67 \cdot 24 \\ 67 \cdot 24 \end{array}$ 68.91 69.74 $70 \cdot 24$ $70 \cdot 32$ $70 \cdot 40$ $70 \cdot 24$ $70 \cdot 24$ 69.07 68 · 07 68 · 07 67 · 99 12..... 68-90 69.82 68-24 68-40 69-24 69-90 70·49 70·49 68-24 68-32 68-49 $69 \cdot 15$ $69 \cdot 07$ 66 · 82 66 · 90 $69 \cdot 99$ 68-90 69-49 69-65 69·74 69·74 69·74 69·65 69-49 69-99 68 - 74 68-07 67 · 65 67 · 90 67 · 40 67 · 65 67 · 65 67 · 65 67 · 40 69·99 70·07 70·15 70·15 68·74 68·74 68·74 68.32 17.... 18..... 19.... 70.32 70.57 69 · 90 70 · 15 68-15 68-15 $68 \cdot 40$ 69.57 68-74 67 - 99 67.90 20.... 68-07 68-90 70·57 70·57 70·57 70·49 67 · 82 67 · 65 67 · 57 67 · 57 69·15 70·07 70·07 70·07 68-74 67.99 $68 \cdot 07$ 69.07 $67 \cdot 32 \\ 67 \cdot 90 \\ 68 \cdot 40$ 22 23 24 25 69-99 68 · 74 68 · 65 68-24 68-24 68-82 68-65 67 - 57 69-49 69.99 $68 \cdot 24$ 68 - 07 69.07 68 - 65 67 · 65 67 · 65 67 · 65 67 · 74 67 · 82 69 · 49 69 · 40 68 · 74 68 · 32 68 · 82 67 · 49 67 · 65 67 · 49 67 · 65 67 · 65 67 · 99 69 · 32 69 · 74 70 · 15 70 · 57 70 · 57 69.40 69·74 69·74 69·74 68 · 15 69 - 40 30..... 70.90 69-15

6 GEORGE V. A. 1916

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1884–85.

TABLE No. 647.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	70 · 65 70 · 40 70 · 24 70 · 24 70 · 24	70·90 71·07 71·24 71·24 71·24	70·82 70·74 70·82 70·57 70·49	69 · 07 69 · 07 69 · 07 69 · 07 68 · 90	68-57 68-57 68-65 68-65 68-74	68-07 68-07 68-07 68-07 68-07	67 · 74 67 · 57 67 · 57 67 · 65 67 · 74	67 · 90 67 · 90 67 · 90 67 · 82 67 · 65	67 · 57 67 · 57 67 · 57 67 · 57 67 · 49	68·32 68·90 69·40 69·90 70·74	68-65 68-32 67-74 67-99 68-07	66.65 66.57 66.57 66.90 66.90
6	70 · 07 69 · 90 69 · 82 69 · 90 69 · 99	$71 \cdot 24$ $71 \cdot 24$ $71 \cdot 40$ $71 \cdot 49$ $71 \cdot 65$	70·32 70·24 70·15 70·07 69·99	68-99 68-99 68-90 68-82 68-82	68 · 82 68 · 90 68 · 90 68 · 74 68 · 74	68·07 67·99 67·99 67·99 67·90	67 · 74 67 · 65 67 · 65 67 · 57 67 · 57	67 · 65 67 · 65 68 · 15 68 · 15 67 · 90	67 · 40 68 · 24 68 · 57 68 · 57 68 · 57	70·40 69·57 68·74 68·32 68·15	68-15 68-32 68-40 68-40 68-74	66·57 66·57 66·49 66·32
11	70·32 70·49 70·49 70·40 70·40	$71 \cdot 90$ $71 \cdot 90$ $71 \cdot 90$ $71 \cdot 90$ $71 \cdot 82$	69 · 90 69 · 90 69 · 82 69 · 82 69 · 74	68 · 82 68 · 82 68 · 82 68 · 82 68 · 82	68-65 68-57 68-57 68-57 68-57	67 · 90 67 · 74 67 · 74 67 · 74 67 · 74	67 · 65 67 · 65 67 · 65 67 · 65 67 · 65	$67 \cdot 74$	68-49 68-40 68-07 68-07 67-99	68-49 68-74 68-24 68-82 69-32	68·32 68·07 67·99 67·82 67·74	65·99 65·90 66·15 65·90 66·15
16	70·40 70·57 70·74 70·82 70·82	71 · 82 71 · 74 71 · 74 71 · 65 71 · 65	$69 \cdot 74$ $69 \cdot 74$ $69 \cdot 74$ $69 \cdot 65$ $69 \cdot 65$	68-82 68-82 68-74 68-57 68-57	68·57 68·57 68·32 68·32 68·32	67 · 99 67 · 99 67 · 90 67 · 82 67 · 82	67 · 65 67 · 65 67 · 65 67 · 65 67 · 74	67 · 74 67 · 65 67 · 57 67 · 57 67 · 49	67 · 99 67 · 99 67 · 90 67 · 82 67 · 74	69·15 68·99 68·24 68·32 68·40	67 · 49 67 · 40 66 · 90 67 · 15 67 · 40	66·74 66·40 66·49 65·99 66·07
21 22 23 24 25	70 · 82 70 · 82 70 · 82 70 · 82 70 · 82	71·74 71·65 71·57 71·57 71·57	69·57 69·49 69·32 69·32 69·24	68-57 68-49 68-49 68-40 68-40	68·32 68·24 68·24 68·15 68·15	67 · 74 67 · 74 67 · 65 67 · 57 67 · 74	67.57 67.90 67.90 67.82 67.74	67 · 49 67 · 32 67 · 24 67 · 82 67 · 57	67·74 67·74 68·07 68·24 68·57	68 · 65 68 · 15 67 · 99 68 · 90 68 · 82	67 · 32 67 · 40 67 · 40 67 · 07 67 · 74	65 · 65 65 · 65 65 · 74 65 · 57 65 · 57
26 27 28 29 30 31	70·82 70·82 70·82 70·99 70·99	71·32 71·24 71·15 70·99 70·90 70·90	69·24 69·24 69·15 69·15	68 · 40 68 · 49 68 · 49 68 · 49 68 · 49 68 · 49	68·07 67·99 67·99 68·07 68·15	67 · 74 67 · 74 67 · 82 67 · 90 67 · 82	67 · 65 67 · 65 67 · 99 67 · 90 67 · 82 67 · 74	67·74 67·74 67·74 67·65 67·82	68 · 65 68 · 82 68 · 82 68 · 82 68 · 32 67 · 90		67 · 40 66 · 99 66 · 90	65 · 57 65 · 49 65 · 40 65 · 40 65 · 74 65 · 57

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1885-86.

TABLE No. 648. $72 \cdot 15$ $71 \cdot 74$ $71 \cdot 57$ $71 \cdot 24$ $70 \cdot 99$ 70·90 70·99 70·90 70·74 70·74 65 - 65 67.82 67.82 67 · 82 67 · 74 67 · 82 67-82 68-74 69.82 68-74 68.07 69·07 68-15 65 · 65 65 · 90 65 · 57 69·74 69·74 69·74 68-57 68-32 68 - 07 68.07 67 · 82 67 · 82 68.07 $67 \cdot 90$ 65-65 69.65 67.99 68.74 70·74 70·49 70·57 70·74 70·99 65.49 69.49 68.32 65.57 65.74 65.90 69-49 67.90 67.82 67.74 67·74 67·74 67·74 68-32 68-15 69.82 69.74 69.74 68.74 69.24 68.99 69 · 49 69 · 57 68-49 68-74 $68 \cdot 32$ 68-40 66.24 68 - 90 68-57 68-57 68-57 68-57 67 - 65 67.07 70.49 69.74 68-40 68-82 69 · 24 68 · 99 $67 \cdot 65 \\ 67 \cdot 57 \\ 67 \cdot 57$ 67.07 67.07 67.40 67.82 67 · 65 67 · 49 67 · 07 67 · 24 67 · 74 12 13 14 68.57 68 · 15 67 · 90 69.57 68-57 69 · 82 70 · 07 $67 \cdot 99$ 68-40 67 · 74 67 · 74 67 · 82 67 · 74 67-90 68-24 68-57 69 - 57 67 · 40 67 · 40 67 · 40 68-40 67.90 21 22 23 24 25 67.82 67.90 67.90 67.90 67.90 70 · 24 70 · 32 70 · 24 69 · 57 $\begin{array}{c} 67 \cdot 40 \\ 67 \cdot 15 \\ 67 \cdot 65 \\ 67 \cdot 90 \\ 67 \cdot 99 \end{array}$ 69.57 69.82 69-40 67-99 68-40 68-15 69-40 69 · 57 69 · 90 70 · 32 71 · 07 71 · 57 70.99 71.07 70.99 71.07 70.99 68-90 68 - 40 69.07 68·07 67·90 69 · 15 69 · 65 68-49 $68 \cdot 24$ 71·74 71·90 71·82 71·90 71·99 $\begin{array}{c} 70 \cdot 99 \\ 70 \cdot 99 \\ 70 \cdot 90 \\ 70 \cdot 82 \\ 70 \cdot 74 \\ 70 \cdot 65 \end{array}$ 68 · 15 67 · 99 67 · 90 67 · 99 69.99 $67 \cdot 74 \\ 67 \cdot 90 \\ 67 \cdot 99$ 69-90 70 · 07 70 · 07 70 · 07 70 · 15 69 · 57 69 · 49 69-90 68 · 07 68 · 07 68-07 68 · 24 67 · 99 68 - 07 68 · 15 67 · 90 69 - 82 68-90 68-07 69.15

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1886-87.

TABLE No. 649.

										1.7	DLE N). 049.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	68-90 70-24 70-57 70-49 70-24	72·57 72·49 72·49 72·40 72·40	70 · 40 70 · 24 70 · 24 70 · 32 70 · 24	69 · 74 69 · 65 69 · 57 69 · 49 69 · 40	68 · 82 68 · 74 68 · 74 68 · 74 68 · 74	68-07 68-07 68-07 67-99 67-99	68 · 24 68 · 07 68 · 07 68 · 07 67 · 99	67-82 67-82 67-82 67-90 67-90	68·15 67·99 67·90 67·90	68·15 68·07 67·65 67·74 68·07	68 · 24 68 · 40 67 · 99 67 · 90 67 · 90	68·15 68·57 69·15 69·07 68·57
6	70·07 69·57 69·07 69·24 69·82	$72 \cdot 32$ $72 \cdot 15$ $71 \cdot 90$ $71 \cdot 82$	70 · 24 70 · 24 70 · 24 70 · 15 70 · 07	$69 \cdot 32$ $69 \cdot 32$ $69 \cdot 24$ $69 \cdot 24$ $69 \cdot 24$	68·74 68·65 68·65 68·57	67·99 67·99 67·99 67·99 67·82	67·90 67·99 67·99 67·90 67·90	67·90 67·90 67·90 67·90 67·74	68-24 68-40 68-65 68-82 68-57	68·49 68·32 67·90 68·07 67·99	68·49 68·90 69·07 68·74 68·82	68 · 32 68 · 32 68 · 82 68 · 57 68 · 15
11 12 13 14 15	70·15 70·24 70·49 70·90 71·24	71.57 71.65 71.57 71.49 71.49	69-99 69-99 69-90 69-74 69-90	69-07 69-07 68-90 68-82 68-82	68 · 57 68 · 49 68 · 40 68 · 74 68 · 57	67-82 67-99 67-99 67-99	67 · 90 67 · 82 67 · 74 67 · 65 67 · 99	67 · 74 67 · 74 67 · 65 67 · 57 67 · 57	68-07 67-90 67-74 67-65 67-90	67.57 67.57 67.40 67.40 67.15	68 · 57 68 · 74 67 · 74 67 · 74 68 · 49	68·07 67·99 67·99 67·99 67·65
16	$71 \cdot 40$ $71 \cdot 74$ $71 \cdot 99$ $72 \cdot 15$ $72 \cdot 24$	71·49 71·40 71·32 71·24 71·15	$69 \cdot 90$ $70 \cdot 15$ $70 \cdot 15$ $70 \cdot 15$ $69 \cdot 99$	68 · 82 68 · 99 69 · 07 68 · 99 68 · 99	68 · 40 68 · 32 68 · 24 68 · 24 68 · 24	67 · 74 67 · 90 67 · 99 67 · 99	67 · 99 68 · 07 67 · 90 67 · 82 67 · 82	67·57 67·57 68·07 68·24 68·40	67.90 68.07 68.40 68.74 68.82	67.74 67.99 67.99 67.99 68.07	68 · 90 68 · 32 68 · 07 68 · 32 68 · 49	67 · 82 67 · 82 67 · 99 67 · 82 67 · 82
21 22 23 24 25	72 · 49 72 · 57 72 · 74 72 · 74 73 · 15	71.07 70.90 70.90 70.82 70.82	69 · 99 69 · 74 69 · 65 69 · 65 69 · 65	68-99 68-99 68-99 68-99	68 · 32 68 · 32 68 · 32 68 · 07 68 · 07	67.90 67.82 67.74 67.74 67.74	67.99 68.07 67.90 67.82 67.90	68 · 40 68 · 40 68 · 24 68 · 40 68 · 40	68-99 68-74 68-32 67-90 67-90	68 · 24 68 · 49 68 · 57 68 · 99 68 · 90	68 · 24 67 · 99 68 · 32 67 · 99 67 · 99	67-65 67-57 67-52 67-57 67-74
26		70·74 70·57 70·57 70·57 70·49 70·49	69·74 69·74 69·74 69·74 69·65	68 · 99 68 · 99 68 · 99 68 · 90 68 · 90	68.07 68.07 68.07 68.07 68.07 68.15	67-82 67-90 67-99 67-90 67-90	67-90 67-65 67-57 67-57 67-65 67-57	68·49 68·24 68·32 68·24 68·24	67·57 67·99 68·15 68·57 68·57 68·24	68-90	67-99 68-15 68-15	67 · 74 67 · 74 67 · 74 67 · 57 67 · 57 67 · 74

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1887–88.

TABLE No. 650. 67·82 67·40 65 · 65 · 65 · 74 65 · 74 67-90 67-57 67-65 72-32 72-24 71-99 66-90 66-74 67 · 15 66 · 57 69-15 68.32 67.49 66.74 68 · 24 68 · 24 67·49 67·49 67·49 $69 \cdot 15$ 66-90 66.57 70.65 70.57 70.49 67.57 67.57 67.57 67.57 67-99 68-24 72.40 72.57 72.74 66.82 68·32 68·24 66.74 66.65 66-99 68-90 66.90 66.65 10..... 69-49 70.07 68·74 68·74 68-07 66.99 66-57 66.82 66.74 66-99 66.74 $67 \cdot 24 \\ 67 \cdot 32$ 66.74 66.99 66,90 69.90 68-65 66-74 69.82 69.74 67·99 67·90 67·74 66.90 66 · 74 66 · 82 66 · 74 69-57 69-57 69-57 69-57 $67 \cdot 74$ $67 \cdot 74$ $67 \cdot 65$ $67 \cdot 65$ $67 \cdot 65$ 70.90 67 - 15 66-99 66.74 66-57 67 · 15 67 · 15 67 · 07 66.74 67.57 67.57 67.74 67.82 67.82 67.65 66-82 66.99 66.90 66.40 66-74 66.90 68-40 66-99 66·74 66·74 66-57 66-74 68.40 66 - 90 67.57 66-90 66-90

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1888-89.

ABLE No. 65

					-				_	-		
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4	67·24 67·24 67·07 67·07 67·32	68·49 68·74 68·99 68·99 69·15	71·40 71·40 70·32 70·32 70·32	69·24 69·24 69·07 68·99 68·90	67 · 65 67 · 65 67 · 57 67 · 57 67 · 65	67·32 67·32 67·24 67·15 67·15	66·74 66·74 66·74 66·74 66·74	66·74 66·74 66·90 66·99	67 · 07 67 · 32 67 · 24 67 · 24 67 · 15	67·74 67·49 67·24 67·07 66·90	67 · 99 67 · 74 68 · 07 67 · 74 67 · 74	66-40 66-15 65-99 65-90 65-99
6	67 · 49 67 · 99 68 · 32 68 · 07 67 · 74	69·32 69·32 69·40 69·32 69·40	$70 \cdot 32$ $70 \cdot 32$ $70 \cdot 24$ $70 \cdot 07$ $69 \cdot 99$	68 · 90 68 · 82 68 · 74 68 · 65 68 · 57	67 · 57 67 · 40 67 · 40 67 · 40 67 · 40	67 · 07 66 · 99 66 · 90 67 · 07 67 · 24	66·74 66·90 66·99 66·82 66·82	67 · 07 67 · 15 67 · 07 67 · 15 67 · 49	67 · 05 67 · 07 67 · 07 66 · 99 66 · 82	66 · 82 66 · 82 67 · 15 66 · 99 66 · 90	$67 \cdot 82$ $67 \cdot 57$ $67 \cdot 57$ $68 \cdot 32$ $68 \cdot 24$	65·90 66·07 66·07 66·32
11 12 13 14 15	67 · 82 68 · 15 68 · 15 68 · 15 68 · 07	69 · 49 69 · 57 69 · 74 69 · 99 70 · 49	69 · 90 69 · 90 69 · 82 69 · 82 69 · 74	68 · 57 68 · 49 68 · 40 68 · 24 67 · 99	67 · 40 67 · 32 67 · 32 67 · 32 67 · 32	67 · 15 67 · 07 66 · 99 66 · 90 66 · 82	66·74 66·57 66·40 66·57 66·74	68 · 82 68 · 90 68 · 57 68 · 32 68 · 15	66 · 74 66 · 74 66 · 65 66 · 40 66 · 40	68·07 68·07 67·82 67·82 67·40	68 · 15 67 · 99 67 · 32 67 · 32 67 · 32	66·40 66·40 66·40 66·24 66·15
16. 17. 18. 19. 20.	67.90 67.99 68.32 68.24 68.24	70 · 65 70 · 99 70 · 99 71 · 24 71 · 32	69·82 69·90 69·90 69·90	67 · 99 67 · 99 67 · 90 67 · 99 68 · 07	67·32 67·32 67·32 67·32 67·32	66 · 82 66 · 82 66 · 74 66 · 90 66 · 90	66-57 66-74 66-74 66-57 66-57	68 · 07 67 · 99 67 · 99 67 · 57 67 · 40	67 · 65 67 · 57 67 · 24 67 · 15 67 · 15	67 · 40 67 · 74 67 · 99 67 · 99 67 · 49	$67 \cdot 74$ $67 \cdot 99$ $67 \cdot 49$ $66 \cdot 99$ $66 \cdot 65$	65·99 66·07 66·07 66·07 66·24
21 22 23 24 25	68-15 68-24 68-32 68-32 68-15	71 · 40 71 · 49 71 · 49 71 · 32 71 · 24	69-90 69-90 69-90 69-82	68-07 67-99 67-90 67-90	67·32 67·32 67·32 67·24 67·32	66.99 67.07 67.07 66.99 66.90	66-65 66-74 66-57 66-57 66-65	67 · 24 67 · 07 66 · 90 66 · 90 66 · 57	67 · 57 67 · 57 67 · 82 68 · 32 67 · 74	67 · 49 67 · 49 67 · 99 68 · 15 68 · 74	66·74 66·99 66·74 66·24 66·57	66 · 32 66 · 74 66 · 99 67 · 49 67 · 74
26	68·07 67·99 67·99 68·24 68·24	71.07 70.90 70.82 70.74 70.74 70.74	69·74 69·65 69·40 69·40	67 · 74 67 · 74 67 · 65 67 · 40 67 · 40 67 · 57	67·57 67·57 67·40 67·40 67·24 67·24	66-82 67-07 66-90 66-99 66-90	66 · 57 66 · 65 66 · 82 66 · 90 66 · 90 66 · 65	66·49 66·49 66·74 66·90 66·90	68·07 68·07 68·40 68·24 68·24 67·90	67 - 57	66·57 66·57 66·82	67·99 68·07 68·07 67·99 67·99 68·24

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1889–90.

										TA	BLE No	. 652.
1	67 · 82 67 · 74 67 · 90 67 · 99 67 · 74	70·40 70·40 70·24 70·24 70·24	68 · 40 68 · 74 68 · 90 69 · 24 69 · 57	69 · 82 69 · 74 69 · 74 69 · 65 69 · 57	68 · 99 68 · 74 68 · 74 68 · 74 68 · 65	67·49 67·40 67·40 67·32 67·32	66-90 66-99 66-99 67-07 67-07	66·49 66·49 66·74 66·90 66·90	66 · 65 67 · 07 66 · 90 66 · 74 66 · 40	68·07 68·07 68·49 68·32 68·15	68-99 68-99 68-99 68-57 68-90	67·99 68·07 68·15 67·99 68·49
6 7 8 9 10	68·07 68·07 68·15 68·57 68·74	70·15 70·07 70·07 69·90 69·74	$69 \cdot 90$ $69 \cdot 99$ $70 \cdot 15$ $70 \cdot 32$ $70 \cdot 49$	69 · 57 69 · 49 69 · 40 69 · 32 69 · 24	$68 \cdot 57$ $68 \cdot 32$ $68 \cdot 32$ $68 \cdot 24$ $68 \cdot 24$	$\begin{array}{c} 67 \cdot 32 \\ 67 \cdot 32 \\ 67 \cdot 32 \\ 67 \cdot 24 \\ 67 \cdot 07 \end{array}$	66 · 99 66 · 99 66 · 90 67 · 07 67 · 07	66 · 82 66 · 74 66 · 65 66 · 65 66 · 57	66·57 66·90 66·90 66·90 67·40	68 · 32 68 · 32 68 · 74 68 · 74 68 · 15	68 · 57 68 · 57 68 · 57 68 · 65 68 · 65	68 · 40 68 · 40 68 · 32 68 · 74 68 · 49
11	68-90 68-99 68-99 68-90 68-57	69-65 69-57 69-40 69-40 69-15	$70 \cdot 74$ $70 \cdot 57$ $70 \cdot 57$ $70 \cdot 40$ $70 \cdot 40$	$69 \cdot 24$ $69 \cdot 24$ $69 \cdot 24$ $69 \cdot 24$ $69 \cdot 15$	68 · 24 68 · 07 68 · 07 68 · 07 68 · 07	66-99 67-07 66-90 66-93 67-07	$66 \cdot 90$ $66 \cdot 74$ $66 \cdot 57$ $66 \cdot 57$ $66 \cdot 57$	66·49 66·32 66·32 66·57 66·49	67 · 74 67 · 82 67 · 57 67 · 40 67 · 40	$67 \cdot 57$ $67 \cdot 74$ $68 \cdot 24$ $68 \cdot 57$ $69 \cdot 57$	68 · 74 68 · 57 68 · 74 68 · 57 68 · 24	68 · 49 67 · 99 68 · 15 68 · 74 68 · 57
16 17 18 19 20.	$\begin{array}{c} 68 \cdot 57 \\ 68 \cdot 40 \\ 68 \cdot 40 \\ 68 \cdot 32 \\ \hline 68 \cdot 57 \end{array}$	68-99 69-07 69-07 69-07 69-07	70 · 24 70 · 24 70 · 07 69 · 90 69 · 90	69-07 68-99 68-99 69-07 69-07	68 · 15 68 · 15 68 · 07 67 · 99 67 · 90	66-99 66-90 67-07 67-24 67-32	66·57 66·57 66·55 66·65 66·65	$66 \cdot 57$ $66 \cdot 57$ $66 \cdot 24$ $66 \cdot 15$ $66 \cdot 07$	$67 \cdot 40$ $67 \cdot 07$ $67 \cdot 07$ $67 \cdot 07$ $67 \cdot 24$	$69 \cdot 65$ $69 \cdot 07$ $69 \cdot 07$ $69 \cdot 32$ $69 \cdot 24$	67.74 67.99 67.99 67.99	$68 \cdot 99$ $68 \cdot 40$ $68 \cdot 74$ $68 \cdot 74$ $68 \cdot 57$
21	$68 \cdot 65$ $68 \cdot 90$ $68 \cdot 82$ $68 \cdot 82$ $68 \cdot 74$	69·07 69·07 69·07 69·07 68·90	69 · 90 69 · 74 69 · 82 69 · 65 69 · 65	68-99 68-99 68-90 68-99 68-74	67 · 82 67 · 74 67 · 74 67 · 74 67 · 74	67.32 67.24 67.07 66.99 67.07	66.65 66.57 66.57 66.40 66.32	66 · 40 66 · 65 66 · 90 66 · 99 66 · 99	$67 \cdot 57$ $67 \cdot 74$ $67 \cdot 74$ $67 \cdot 90$ $67 \cdot 99$	69 · 32 69 · 65 69 · 82 69 · 82 69 · 74	67.74 67.57 68.49 68.57 68.15	$68 \cdot 32$ $68 \cdot 32$ $68 \cdot 49$ $68 \cdot 49$ $68 \cdot 40$
26	68-82 69-15 69-40 69-74 70-15	68·74 68·65 68·65 68·90 68·57 . 68·49	69 · 65 69 · 74 69 · 74 69 · 74 69 · 90	68 · 74 68 · 65 68 · 65 68 · 74 68 · 90 68 · 99	67-65 67-57 67-57 67-57 67-57 67-57	67-07 66-90 66-90 66-90 66-82	$66 \cdot 24$ $66 \cdot 15$ $66 \cdot 15$ $66 \cdot 49$ $66 \cdot 49$	67.07 66.40 65.99 66.57 66.82	67·99 68·07 67·82 67·65 68·07 68·07	69 · 99 69 · 74 69 · 07 68 · 74 68 · 74 68 · 74	67·90 67·99 67·99	68·32 68·49 68·57 68·24 68·24 68·32

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1890-91.

TABLE No. 653.

			-							T	ABLE	No. 653.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4	68 · 57 68 · 40 68 · 32 68 · 32 68 · 90	70·49 70·57 70·65 70·74 70·74	71·74 71·74 71·82 71·65 71·90	70 · 49 70 · 49 70 · 49 70 · 49 70 · 40	68 · 99 68 · 99 68 · 99 68 · 90	67·57 68·49 68·49 68·40 68·32	67-90 67-82 67-82 67-82 67-82	67 · 65 67 · 74 67 · 65 67 · 74 67 · 74	67 · 65 67 · 49 67 · 07 67 · 49 67 · 49	68·57 68·32 68·15 68·32 68·74	67·32 66·82 66·90 66·99 67·07	68 · 74 68 · 74 68 · 40 68 · 40 68 · 32
6	69 · 24	70·90	71.99	70·32	69·07	68 · 24	67 · 74	67 · 65	67 · 90	69·32	66 · 99	67-99
	69 · 65	71·24	71.99	70·24	68·99	68 · 24	67 · 57	67 · 65	68 · 24	69·07	67 · 65	67-90
	69 · 65	71·40	71.99	70·24	68·90	68 · 24	67 · 82	67 · 65	68 · 49	68·99	67 · 74	67-90
	69 · 74	71·40	71.99	70·07	68·82	68 · 15	67 · 82	67 · 74	68 · 15	69·15	67 · 74	67-40
	69 · 90	71·40	71.74	69·99	68·74	68 · 07	67 · 74	67 · 74	68 · 15	69·15	67 · 90	67-65
11	69 · 99	71 · 40	71·57	69 · 99	68-57	68 · 24	67 · 74	67 · 74	67 · 90	69·24	67.65	68·15
	70 · 07	71 · 32	71·40	69 · 90	68-49	68 · 40	67 · 74	67 · 82	67 · 65	69·07	67.90	68·15
	70 · 15	71 · 32	71·40	69 · 90	68-57	68 · 57	67 · 74	67 · 82	67 · 74	68·32	67.99	68·40
	70 · 15	71 · 24	71·40	69 · 90	68-49	68 · 82	67 · 74	67 · 74	67 · 74	67·99	67.90	68·74
	70 · 49	71 · 24	71·57	69 · 74	68-49	68 · 90	67 · 74	67 · 65	68 · 15	68·24	67.74	68·65
16	70 · 57	71 · 24	71·74	69 · 65	68 · 40	68 · 99	67·74	67·74	68 · 15	68 · 32	67·74	68 · 57
	70 · 40	71 · 24	71·82	69 · 65	68 · 32	68 · 74	67·65	67·74	68 · 74	67 · 99	67·40	68 · 57
	70 · 40	71 · 15	71·82	69 · 57	68 · 32	68 · 65	68·07	67·74	68 · 74	68 · 32	67·32	68 · 74
	70 · 32	71 · 07	71·90	69 · 57	68 · 24	68 · 49	67·90	67·99	68 · 74	68 · 74	67·24	68 · 32
	70 · 15	71 · 57	71·74	69 · 40	68 · 24	68 · 49	67·74	68·49	68 · 57	68 · 57	67·32	68 · 15
21	70·24	71 · 57	$71 \cdot 65$ $71 \cdot 40$ $71 \cdot 32$ $71 \cdot 32$ $71 \cdot 24$	69 · 24	68 · 24	68 · 40	67 · 74	68-40	69 · 07	68 · 49	67·74	67 · 99
22	70·24	71 · 74		69 · 24	68 · 24	68 · 32	67 · 74	68-32	69 · 32	68 · 49	67·90	67 · 99
23	70·24	71 · 82		69 · 24	68 · 24	68 · 32	67 · 65	68-24	69 · 49	68 · 07	67·74	68 · 07
24	69·99	71 · 82		69 · 24	68 · 24	68 · 24	67 · 65	68-15	69 · 49	67 · 99	67·90	68 · 99
25	69·99	71 · 49		69 · 15	68 · 24	68 · 15	67 · 57	67-99	69 · 24	67 · 32	67·99	69 · 74
26	69 · 99 70 · 15 70 · 15 70 · 15 70 · 32	71 · 49 71 · 40 71 · 49 71 · 49 71 · 49 71 · 74	70·99 70·74 70·74 70·65 70·65	69·15 69·07 69·07 69·07 69·07	68 · 32 68 · 32 68 · 24 68 · 24 68 · 32 68 · 24	68-07 68-07 68-07 68-07 67-99	67·57 67·57 67·57 67·57 67·57 67·57	68·15 67·99 67·74 67·74 67·82	68-90 68-65 68-57 68-40 68-57 68-32		68·15 68·99 68·90	70·07 69·99 69·82 69·74 69·82 69·99

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1891-92.

TABLE No. 654 67 · 99 67 · 99 67 · 99 67 · 99 71 · 57 71 · 57 71 · 74 71 · 74 66·74 66·65 66·57 66·57 69.99 69 - 57 67 - 99 67 · 40 67 · 40 67 · 40 66.57 66-90 $66 \cdot 74 \\ 67 \cdot 24 \\ 66 \cdot 99$ 68-07 67-99 67-99 69-99 60.40 66.32 $66 \cdot 99$ 65 · 82 65 · 57 69-40 66.07 66.90 66.74 69.99 66.90 66.40 65 - 99 69.90 $71 \cdot 65$ 60-15 68-15 67-90 66-57 66-24 65.74 $67 \cdot 24$ $67 \cdot 32$ $67 \cdot 32$ $67 \cdot 24$ $67 \cdot 15$ 69.07 69.07 69.07 $67.82 \\ 67.82 \\ 67.82$ $66 \cdot 15$ 65-90 69 · 82 69 · 74 68-07 67-99 67-90 66-40 67 · 32 67 · 32 67 · 32 66-90 66.57 65 - 74 65-65 67 - 82 66.32 66-57 66-40 69.32 66.32 65 - 65 68.24 66-32 $67 \cdot 32$ $67 \cdot 24$ $67 \cdot 24$ $67 \cdot 07$ 69-24 71.15 66-32 65.90 68.32 71.07 71.07 70.99 70.90 68-99 68-74 68-74 68-74 67 · 15 67 · 07 67 · 15 67 · 15 67 · 07 67 · 82 67 · 82 67 · 82 67 · 74 67 · 74 67 · 65 66.32 65.99 $68 \cdot 57$ $67 \cdot 74$ $67 \cdot 32$ 66·15 65·99 65·99 65 · 24 65 · 57 65 · 82 69-90 70.07 67.82 67 - 57 69 - 99 65.82 66-90 16 17 18 67 · 82 67 · 82 67 · 90 67-57 70.15 68.65 67.07 66-40 65-82 67·57 67·57 70 · 65 70 · 74 70 · 74 70.9068 - 65 67 · 07 67 · 07 66 · 40 66 · 40 66 · 15 66 · 24 66 · 15 66 · 74 66 · 57 66 · 99 65 - 99 65·74 65·65 70 · 74 70 · 57 68-49 68 · 82 68 · 57 66.07 70 - 9070.49 67 - 49 66-90 68 - 32 65.74 65.32 67 - 24 68.22 65-40 65·57 65·57 67.90 67.90 68.07 66-90 66-32 66 - 99 68 - 24 68-40 68-40 66-90 66 · 24 66 · 24 66.07 66.82 65 - 40 66 · 74 65 - 90 $68 \cdot 15$ 71·49 71·57 71·99 71·57 $\begin{array}{c} 67 \cdot 74 \\ 67 \cdot 74 \\ 67 \cdot 57 \\ 67 \cdot 49 \\ 67 \cdot 40 \\ 67 \cdot 40 \end{array}$ 66 - 24 66.07 $66 \cdot 82 \\ 67 \cdot 15 \\ 66 \cdot 90$ 66-82 67 · 49 67 · 32 67 · 24 67 · 24 66 - 15 66.07 64 - 99 69.99 68.07 67.99 67.99 66·74 66·74 66·74 64-00 65·57 65·57 65·57 $68 \cdot 07$ $67 \cdot 15$ 65.99 65.99 69·82 69·74 66.07 66.15 65.99 66.90 66.82 67.24

6 GEORGE V, A. 1916

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1892-93.

TABLE No. 655.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	65 · 90 66 · 24 66 · 90 68 · 40 68 · 82	67·49 67·49 67·49 67·65 67·65	68 · 24 68 · 24 68 · 07 67 · 90 68 · 07	69·49 69·49 69·49 69·57 69·57	67·57 67·57 67·65 67·57 67·57	67 · 74 67 · 57 67 · 57 67 · 49 67 · 40	67·15 67·07 66·90 66·90 66·90	66 · 57 66 · 57 66 · 57 66 · 99 66 · 99	66·90 67·15 67·07 66·99 67·07	68·32 68·07 67·24 66·99 67·32	65 · 82 65 · 90 65 · 82 65 · 82 65 · 99	64·90 64·99 64·99 65·24 65·40
6 7 8 9	69.82 69.99 69.90 69.74 69.57	$67 \cdot 65$ $67 \cdot 65$ $67 \cdot 57$ $67 \cdot 57$ $67 \cdot 57$	68 · 24 68 · 24 68 · 24 68 · 24 68 · 15	69·49 69·32 69·15 68·99 68·82	67·57 67·57 67·57 67·57 67·74	$67 \cdot 24$ $67 \cdot 15$ $67 \cdot 07$ $67 \cdot 07$ $67 \cdot 07$	66 · 82 66 · 82 66 · 99 66 · 90 66 · 90	$66 \cdot 99$ $66 \cdot 74$ $67 \cdot 24$ $67 \cdot 07$ $67 \cdot 07$	67-15 66-90 66-74 66-90 66-90	67-32 67-07 67-57 67-65 67-65	65·99 65·99 66·07 66·24 66·65	65·15 65·32 65·24 65·24 65·32
11	69 · 40 68 · 90 68 · 65 68 · 40 68 · 15	67-65 67-65 67-74 67-82 67-82	68 · 24 68 · 90 68 · 24 68 · 24 68 · 24	68 · 74 68 · 65 68 · 57 68 · 49 68 · 40	67 · 74 67 · 74 67 · 99 68 · 07 68 · 07	$67 \cdot 07$ $67 \cdot 07$ $67 \cdot 15$ $67 \cdot 32$ $67 \cdot 24$	$66 \cdot 90$ $66 \cdot 74$ $66 \cdot 74$ $66 \cdot 74$	66 · 99 66 · 90 66 · 74 66 · 74 66 · 65	67-24 67-32 67-07 66-99 66-99	67-32 67-07 67-49 67-40 67-99	66 · 32 65 · 99 65 · 90 65 · 74 65 · 32	65·32 65·49 65·82 66·15 66·15
16	68 · 07 67 · 82 67 · 74 67 · 57 67 · 57	68-07 67-99 67-90 67-65 67-65	68 · 24 67 · 99 67 · 90 67 · 90 68 · 57	68-32 68-24 68-15 68-07 67-95	68 · 07 67 · 99 67 · 90 67 · 99 67 · 74	67 · 24 67 · 15 67 · 07 67 · 07 67 · 07	$66 \cdot 74$ $66 \cdot 65$ $66 \cdot 57$ $66 \cdot 74$ $66 \cdot 74$	66.57 66.82 66.99 67.49 67.57	66-99 66-90 66-90 66-90	67-90 67-90 67-74 67-40	65 · 24 65 · 32 - 65 · 49 65 · 74 65 · 57	65 · 82 66 · 07 65 · 99 66 · 07 66 · 07
21 22 23 24 25	$67 \cdot 40$ $67 \cdot 24$ $67 \cdot 24$ $67 \cdot 32$ $67 \cdot 40$	67·57 67·74 67·82 68·24 68·24	69-65 69-90 69-40 69-07 69-07	67-90 67-90 67-90 67-90 67-99	67-65 67-57 67-57 67-40 67-32	66-90 66-90 66-99 67-07	66·74 66·74 66·65 66·57	67.74 67.90 67.82 67.57 67.32	66.74 66.57 66.57 66.57 66.74	67-32 67-49 67-40 67-40 67-32	65 · 24 65 · 32 65 · 65 65 · 65 65 · 65	66·15 66·32 66·57 66·32
26 27 28 29 30 31	67-40 67-32 67-40 67-40 67-65	68 · 15 68 · 24 68 · 24 68 · 32 68 · 24 68 · 24	68 · 99 68 · 74 69 · 07 69 · 24 69 · 32	67 · 99 67 · 82 67 · 74 67 · 65 67 · 65 67 · 65	66-99 68-74 68-74 68-49 68-07 67-90	67·15 67·24 67·32 67·24 67·15	66 · 57 66 · 57 66 · 57 66 · 57 66 · 57 66 · 57	67-32 66-99 66-99 66-74 66-57	66-57 66-57 66-90 67-32 68-07 68-24		65 · 90 65 · 82 65 · 57	$66 \cdot 82$ $66 \cdot 90$ $67 \cdot 32$ $67 \cdot 32$ $67 \cdot 15$ $67 \cdot 32$

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1893-94.

TABLE No. 656.

at a second												
1	67 · 40 67 · 40 67 · 82 67 · 82 67 · 65	69 · 24 69 · 07 69 · 24 69 · 49 70 · 32	71 · 65 71 · 57 71 · 32 71 · 40 71 · 32	69 · 49 69 · 40 69 · 40 69 · 32 69 · 24	68·32 68·32 68·24 68·24 68·15	69 · 15 68 · 90 68 · 57 68 · 49 68 · 07	66-99 66-99 66-99 66-99	66 · 99 66 · 99 67 · 32 67 · 07 66 · 99	66 · 82 66 · 74 66 · 57 66 · 40 66 · 32	67-99 67-99 68-40 68-82 68-90	68 · 24 68 · 32 68 · 40 68 · 57 68 · 40	65·74 65·32 65·32 65·32 65·57
6	67 · 90 67 · 82 67 · 74 67 · 90 68 · 24	71 · 15 71 · 24 71 · 24 71 · 24 71 · 24 71 · 15	71 · 40 71 · 40 71 · 32 71 · 32 71 · 32	69 · 24 69 · 24 69 · 15 69 · 07 69 · 07	68 · 15 68 · 15 68 · 07 67 · 99 67 · 99	67 · 90 67 · 90 67 · 82 67 · 74 67 · 65	67·07 67·07 67·07 67·24 66·99	66-99 66-90 66-74 66-74	66-90 66-99 67-07 66-57 66-65	68 · 72 68 · 82 68 · 57 68 · 52 68 · 57	68 · 24 68 · 15 68 · 24 66 · 40 66 · 32	65·99 65·99 67·90 68·07
11	68 · 24 68 · 32 68 · 32 68 · 57 68 · 40	71.07 70.99 70.90 70.99 71.07	70 · 99 71 · 32 70 · 99 70 · 90 70 · 74	69 · 07 68 · 99 68 · 90 68 · 82 68 · 74	67·74 67·74 67·65 67·65 67·57	$67 \cdot 49$ $67 \cdot 40$ $67 \cdot 24$ $67 \cdot 24$ $67 \cdot 40$	66.82 66.82 67.32 67.32	66-65 66-57 66-74 66-82	66·40 66·32 66·07 66·32 67·32	68-40 68-24 68-24 68-40 68-57	66-24 65-99 65-99 65-99 65-99	68·32 68·57 68·57 69·07 69·07
16	68-40 68-40 68-57 68-90 68-65	71.07 71.07 71.40 72.24 72.49	70.65 70.65 70.57 70.32 70.24	68 · 74 68 · 74 68 · 74 68 · 74 68 · 74	67.57 67.57 67.49 67.49 67.40	67-40 67-49 67-49 67-49 67-57	67·15 67·07 66·90 66·82 66·82	66 · 82 66 · 90 66 · 99 66 · 74 66 · 65	67-24 67-32 67-65 67-99 67-99	68 · 82 68 · 57 68 · 24 68 · 24 68 · 24	66-40 66-40 66-57 66-65 66-40	68-99 68-90 68-82 68-99 69-32
21	66 · 82 66 · 82 67 · 24 67 · 24 69 · 15	72 · 65 72 · 65 72 · 90 72 · 90 72 · 57	$70 \cdot 07$ $70 \cdot 07$ $70 \cdot 07$ $69 \cdot 90$ $69 \cdot 82$	68-74 68-65 68-65 68-65	67 · 40 67 · 40 67 · 40 67 · 49 67 · 74	$67 \cdot 57$ $67 \cdot 40$ $67 \cdot 40$ $67 \cdot 40$ $67 \cdot 32$	66-8° 66-90 66-90 66-90 66-82	$66 \cdot 65$ $66 \cdot 74$ $66 \cdot 71$ $66 \cdot 73$ $66 \cdot 57$	68-07 68-49 68-32 68-40 67-74	68 · 24 68 · 21 68 · 15 68 · 07 67 · 57	65.99 66.15 66.32 65.74 66.07	69 · 24 69 · 15 69 · 40 69 · 40 69 · 32
25 27 28 29 30 31	69 · 15 69 · 07 69 · 07 69 · 07 69 · 07	72 · 24 72 · 24 72 · 24 72 · 07 71 · 90 71 · 90	69 · 74 69 · 74 69 · 74 69 · 74 69 · 65	68-57 68-57 68-57 68-40 68-40 68-32	67·74 68·07 68·24 68·74 69·24 69·24	67·32 67·32 67·24 67·07 66·99	$66 \cdot 74$ $66 \cdot 90$ $67 \cdot 07$ $67 \cdot 07$ $67 \cdot 07$ $66 \cdot 99$	66 · 40 66 · 24 66 · 24 66 · 65 66 · 99	67-99 68-49 68-24 68-40 68-49 67-99	67-40 67-90 67-90 67-90 67-90 67-90		$69 \cdot 32$ $69 \cdot 32$ $69 \cdot 24$ $69 \cdot 07$ $68 \cdot 57$

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1894–95.

TABLE No. 657.

											0.013 111	
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	68 · 65 68 · 65 68 · 57 68 · 40 68 · 24	70 · 74 70 · 74 70 · 57 70 · 57 70 · 57	69 · 74 69 · 74 69 · 99 69 · 99 69 · 90	69 · 07 69 · 07 68 · 99 69 · 24 69 · 07	67 · 74 67 · 65 67 · 57 67 · 57 67 · 57	66-74 66-90 66-74 66-57 66-57	66-49 66-49 66-57 66-57	66·74 66·74 66·89 67·24 67·24	66·07 66·32 66·15 66·24 66·24	67-99 68-15 68-40 68-46 68-15	66 · 99 66 · 99 67 · 07 67 · 07	64·90 64·57 64·90 64·65 64·40
6	68·40 68·24 68·24 68·24 68·15	70.99 71.07 71.67 70.90 70.74	69-90 69-90 69-74 69-57 69-40	69-07 68-99 68-90 68-90 68-74	67 · 57 67 · 49 67 · 40 67 · 40 67 · 32	66·57 66·49 66·57 66·74	66 · 57 66 · 65 66 · 65 66 · 65 66 · 74	67 · 24 67 · 07 66 · 99 66 · 90 66 · 90	$\begin{array}{c} 66 \cdot 24 \\ 66 \cdot 24 \\ 66 \cdot 15 \\ 65 \cdot 82 \\ 65 \cdot 90 \end{array}$	68·15 68·15 68·15 68·15 68·15	66 · 24 65 · 65 65 · 24 65 · 65 65 · 99	64 · 65 65 · 24 65 · 07 65 · 07 65 · 07
11	67.99 67.82 67.99 68.07 68.24	70·57 70·57 70·49 70·24 70·07	$69 \cdot 24$ $69 \cdot 24$ $69 \cdot 24$ $69 \cdot 07$ $69 \cdot 07$	68 · 74 68 · 74 68 · 74 68 · 74 68 · 82	67 · 32 67 · 24 67 · 24 67 · 15 67 · 15	66.65 66.57 66.49 66.40 66.40	66 · 74 66 · 82 66 · 89 66 · 89	66.90 66.90 66.90 67.07	66 · 07 66 · 15 66 · 40 66 · 82 66 · 82	67-90 67-57 67-24 66-32 66-07	66 · 24 65 · 90 65 · 57 65 · 07 65 · 24	65 · 24 65 · 07 65 · 07 64 · 90 64 · 82
16	68 · 24 68 · 24 68 · 32 69 · 40 69 · 40	69-90 63-74 69-74 69-40 69-24	69 · 15 69 · 24 69 · 24 69 · 24 69 · 24	68 · 74 68 · 40 68 · 24 68 · 15 68 · 15	$67 \cdot 15$ $66 \cdot 99$ $66 \cdot 90$ $66 \cdot 82$ $66 \cdot 74$	66.57 66.57 66.40 66.40	66-89 67-07 67-07 66-89 66-74	67.07 67.32 67.07 66.89 66.89	66.82 66.90 66.90 66.57 66.65	66 · 24 65 · 99 66 · 32 66 · 65 67 · 15	65 · 24 65 · 15 65 · 07 64 · 90 64 · 82	$65 \cdot 15$ $65 \cdot 24$ $65 \cdot 32$ $65 \cdot 07$ $65 \cdot 32$
21 22 23 24 25.	69 · 40 69 · 40 69 · 57 69 · 99 70 · 07	69·07 69·57 69·57 69·57 69·57	69 · 24 69 · 24 69 · 24 69 · 24 69 · 24	68 · 24 68 · 24 67 · 90 67 · 90 67 · 90	66.99 66.90 66.90 66.90	66.40 66.57 66.74 66.74 66.74	66 · 74 66 · 74 66 · 82 66 · 82	66 · 74 66 · 74 66 · 82 66 · 82 66 · 65	$66 \cdot 57$ $66 \cdot 57$ $66 \cdot 40$ $66 \cdot 40$ $66 \cdot 40$	67·74 67·74 67·90 66·74 66·99	65 · 24 65 · 24 64 · 82 65 · 57 65 · 57	65·24 65·07 64·90 64·90 65·07
26	70 · 24 70 · 49 70 · 57 70 · 74 70 · 74	69·74 69·74 69·74 69·74 69·74 69·74	69·24 69·32 69·32 69·40 69·40	67.90 67.90 67.90 67.90 67.90 67.74	66 · 99 66 · 99 66 · 99 66 · 57 66 · 49 66 · 40	66 · 74 66 · 74 66 · 74 66 · 57 66 · 57	66 · 82 66 · 82 66 · 82 66 · 65 66 · 65	66 · 65 66 · 65 66 · 67 66 · 07	66·40 65·57 65·57 65·82 66·82 67·49	66·99 67·15 66·90 66·90 66·90	65·15 65·15 65·15	64.99 65.24 65.57 65.90 66.99

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1895–96.

TABLE No. 658. 65·74 65·90 68-15 66-24 $65 \cdot 40$ 68-57 68-40 68-99 65 · 99 65 · 74 65 · 74 65 · 82 67.07 67.07 65.65 65.57 65.49 65 · 24 65 · 57 68-90 68-40 68-24 66.32 65-90 69.07 66:07 68-90 68 - 49 66.40 $66 \cdot 15$ 69 - 07 66.90 66.40 68-99 66 - 65 66:40 66-24 66-39 66-57 68·32 68·15 68·24 65.90 65 · 32 65 · 15 65 · 49 65·74 65·74 66-15 67 · 74 67 · 49 66 · 90 65-65 66-82 69.07 69.15 69.32 $66 \cdot 65 \\ 66 \cdot 65$ 66.07 66.07 65.82 65.74 65.57 66-82 66-90 64 - 65 66-99 68-90 69-40 68.24 66.99 66.57 65.07 65.07 65.07 68-57 69-49 68-15 68-15 65 · 24 65 · 07 64 · 99 66-99 66-74 69.57 66 · 32 66 · 32 65 · 99 65 · 99 66-99 65.07 65.15 68-74 69 - 40 14 15 69·24 69·24 69·07 69·07 68 · 07 67 · 99 67 · 90 67 · 90 67 · 90 68-32 16. 17. 18 66-24 66-07 66-07 65-15 66-99 65·99 66·07 65-14 66 · 31 65 · 74 66 · 99 67 · 15 65.90 68 · 15 67 · 74 67 · 46 67 · 40 67 · 49 67 · 15 67 · 15 67 · 49 67 · 65 67 · 57 $67 \cdot 82$ $67 \cdot 74$ $67 \cdot 65$ $67 \cdot 65$ $67 \cdot 49$ 66.07 66.07 66.07 65-32 68-74 63-65 68-57 66-15 66-15 65-24 69 · 15 69 · 24 66·07 64.74 66-32 67 · 74 67 · 82 67 · 90 67 · 90 67 · 24 67 · 31 67 · 24 66.07 65.05 65-49 68 · 24 68 · 15 68 · 15 68 · 07 67 · 99 66 · 49 67 · 15 67 · 40 67 · 32 68 · 32 65 · 24 65 · 24 65 · 24 65.99 69·24 69·15 65 · 99 65 · 99 65 · 82 65 · 82 68-32 67-57 66.24

6 GEORGE V, A. 1916

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1896–97.

Day.	April	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	66-65 67-15 67-57 67-57 67-57	70·24 70·07 70·07 70·24 70·15	68 · 57 68 · 57 68 · 40 68 · 24 68 · 15	67 · 40 67 · 40 67 · 40 67 · 07 67 · 07	66·74 66·74 66·74 66·74	66·15 66·15 66·07 66·07 65·99	65 · 82 65 · 74 65 · 82 65 · 82 65 · 65	65-90 65-82 65-65 65-57 65-74	67·15 66·99 66·82 66·82 66·90	66·40 66·57 66·65 66·07 65·99	67 · 65 67 · 15 66 · 49 66 · 40 66 · 57	65·57 65·74 65·74 65·49 65·65
6	67 · 32 67 · 32 67 · 32 67 · 40 67 · 90	70-07 69-90 69-99 69-90 69-90	68 · 24 68 · 40 68 · 40 68 · 49 68 · 57	67 · 07 67 · 07 67 · 24 67 · 15 67 · 15	66·74 66·74 66·65 66·57	65·99 66·32 66·24 66·07	65·57 65·82 65·90 66·07 65·90	$66 \cdot 24$ $66 \cdot 24$ $66 \cdot 57$ $66 \cdot 49$ $66 \cdot 49$	66 · 90 66 · 90 66 · 82 66 · 74 66 · 65	65.99 66.07 66.65 66.99 67.40	66·74 67·24 65·74 65·74 65·74	65.57 65.49 65.24 65.32 65.40
11	68 · 40 68 · 99 69 · 49 70 · 24 70 · 82	69·90 69·82 69·65 69·49 69·57	68·57 68·57 68·49 68·49 68·40	$67 \cdot 15$ $67 \cdot 15$ $67 \cdot 15$ $67 \cdot 24$ $67 \cdot 15$	66·57 66·49 66·40 66·32	65·90 65·90 65·74 65·74 65·74	65·57 65·57 65·57 65·57 65·65	66·49 66·65 66·57 66·74 66·90	66 · 65 66 · 57 66 · 57 66 · 57 66 · 49	67 · 32 67 · 32 67 · 24 67 · 40 67 · 32	65·74 65·65 65·57 65·90 66·40	
16	71·24 71·40 71·57 71·57 71·49	69·57 69·49 69·40 69·32 69·07	68 · 32 68 · 24 68 · 24 68 · 15 68 · 07	67 · 15 66 · 99 66 · 99 66 · 99 66 · 99	66·49 66·65 66·49 66·40 66·40	65 · 65 65 · 65 65 · 74 65 · 74 66 · 00		66·74 66·74 66·82 66·74	66·15 66·24 66·49 66·57 66·40	67 · 49 67 · 49 66 · 49 65 · 99 65 · 74	66·49 65·99 65·74 65·49 65·49	66 · 40 66 · 32 65 · 90
21	71 · 49 71 · 49 71 · 49 71 · 40 71 · 24	68 · 90 68 · 82 68 · 74	67 · 99 68 · 07 67 · 82 67 · 65 67 · 65	66.90		65.82	65·74 65·82 65·90	66.82	66·82 66·32 66·32 66·32	66-49	65 · 49 65 · 74 65 · 57 65 · 57 65 · 57	66·74 66·90
26	71·07 70·99 71·24 70·74 70·57	68·57 68·49	67 · 65 67 · 65 67 · 57 67 · 57 67 · 49	66-90 66-90 66-82	66 · 40 66 · 15	65 - 82	65 · 82 65 · 65 65 · 65	66-82 67-24 67-24 67-24	67 · 49 67 · 82 68 · 32 67 · 99 66 · 99 66 · 24	66 · 57 67 · 32 67 · 40	65·57 65·57 65·65	67 · 40 67 · 49 67 · 49

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1897-98.

	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$. 660.
1	67 · 90 67 · 90 67 · 90	70-40 70-49 70-74	69·99 69·57 69·57	68 · 24 68 · 24 68 · 15	67 · 82 67 · 74 67 · 57	66.99 66.90 66.82	65·99 65·90 65·90	65·40 65·57 65·65	66·32 66·07 66·15	67 · 57 66 · 99 67 · 24 67 · 40 67 · 49	67 · 24 66 · 90 66 · 90 67 · 24 67 · 74	66·57 66·57 66·74 66·74 66·57
6	68·15 68·15 68·15	70.90 70.65 70.65	69 · 49 69 · 40 69 · 40	67 · 99 67 · 90 67 · 82	67 · 40 67 · 32 67 · 32	66 · 74 66 · 74 66 · 74	65 · 90 65 · 90 65 · 90	66 · 15 66 · 15 65 · 65	65 · 99 65 · 99 66 · 07	$\begin{array}{c} 67 \cdot 82 \\ 67 \cdot 32 \\ 67 \cdot 07 \\ 66 \cdot 65 \\ 66 \cdot 90 \end{array}$	68 · 07 67 · 90 67 · 40 67 · 24 66 · 40	$66 \cdot 57$ $66 \cdot 57$ $66 \cdot 49$ $66 \cdot 32$ $66 \cdot 32$
11	67 · 90 67 · 90 67 · 90 67 · 90 67 · 90	70·57 70·57 70·49 70·40 70·24	$69 \cdot 40$	67 · 65 67 · 65 67 · 82 67 · 82 67 · 74	$\begin{array}{c} 67 \cdot 15 \\ 67 \cdot 24 \\ 67 \cdot 24 \\ 67 \cdot 24 \\ 67 \cdot 32 \end{array}$	66-65 66-65 66-57 66-49 66-49	65 · 65 65 · 90 65 · 90 65 · 90 66 · 24	65.90 65.90 66.49 66.32 65.90	66 · 07 66 · 24 66 · 32 66 · 24 66 · 57	66-99 67-32 67-49 68-15 68-24	66·32 66·57 66·99 66·99 67·15	$66 \cdot 32$ $66 \cdot 57$ $68 \cdot 07$ $69 \cdot 15$ $70 \cdot 24$
16 17 18 19 20	68.90 68.74	70 · 15 70 · 07 69 · 99 469 · 90 69 · 90	69 · 40 69 · 32 69 · 32 69 · 24 69 · 15	67 · 74 67 · 65 67 · 49 67 · 40 67 · 40	67 · 40 67 · 40 67 · 40 67 · 40 67 · 32	66 · 49 66 · 40 66 · 32 66 · 24	65-99 65-90 65-90 65-90 65-57	65-90 65-99 65-99 65-99 65-90	67 · 15 67 · 32 67 · 24 66 · 99 66 · 82	68 · 07 68 · 07 68 · 07 67 · 99 67 · 57	66 · 90 66 · 07 66 · 15 66 · 57 67 · 07	70·32 69·99 70·57 70·57 70·57
21 22 23 24 25	68 · 82 68 · 57 68 · 57 68 · 57 68 · 65	$69 \cdot 99$ $70 \cdot 07$ $70 \cdot 15$ $70 \cdot 24$ $70 \cdot 24$	69·07 68·99 68·90 68·82 68·74	$67 \cdot 40$ $67 \cdot 40$ $67 \cdot 40$ $67 \cdot 32$ $67 \cdot 32$	67 · 24 67 · 15 67 · 07 66 · 99 67 · 67	$\begin{array}{c} 66 \cdot 15 \\ 66 \cdot 07 \\ 66 \cdot 15 \\ 66 \cdot 24 \\ 66 \cdot 24 \end{array}$	65 · 57 65 · 49 65 · 65 65 · 74 65 · 74	65 · 90 65 · 82 65 · 82 65 · 90 65 · 90	66 · 90 66 · 99 67 · 07 67 · 07 66 · 74	67 · 57 67 · 74 67 · 74 67 · 82 67 · 90	66 · 57 66 · 32 66 · 57 67 · 07 66 · 82	70·49 69·99 69·82 69·49 69·24
26	68 · 74 69 · 07 69 · 74 70 · 07 70 · 40	70·32 70·32 70·24 70·57 70·57 70·57	68 · 74 68 · 65 68 · 49 68 · 40 68 · 32	$\begin{array}{c} 67 \cdot 24 \\ 67 \cdot 15 \\ 67 \cdot 49 \\ 67 \cdot 65 \\ 67 \cdot 74 \\ 67 \cdot 82 \end{array}$	$\begin{array}{c} 67 \cdot 07 \\ 66 \cdot 99 \end{array}$	66 · 24 66 · 24 66 · 24 65 · 99 65 · 57	65 · 74 65 · 65 65 · 65 65 · 74 65 · 65	65·99 66·15 66·32 66·24 66·24	66 · 90 67 · 57 67 · 49 68 · 07 67 · 99 67 · 65	68 · 07 67 · 74 67 · 82 67 · 82 67 · 40 67 · 24	66 · 90 66 · 82 66 · 57	69·32 69·24 69·40 69·74 69·90 69·82

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1898–99.

TABLE No. 661.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	69 · 74 69 · 40 69 · 32 69 · 24 68 · 99	68 · 90 68 · 82 68 · 57 68 · 74 68 · 74	69·07 68·99 68·90 68·90	68 · 57 68 · 65 68 · 57 68 · 57 68 · 40	67·07 67·07 67·15 67·24 67·24	66 · 82 66 · 74 66 · 65 66 · 57 66 · 57	66 · 57 66 · 49 66 · 40 66 · 40 66 · 40	66·32 67·32 67·32 67·32 67·40	66·57 66·74 66·82 66·57 66·15	67·74 67·82 68·15 68·15 67·90	67 · 74 67 · 49 67 · 65 67 · 82 67 · 82	66·32 66·49 66·32 66·32 66·24
6	69·07 68·99 68·82 68·74 68·65	68 · 74 68 · 74 68 · 82 68 · 57 68 · 49	68 · 82 68 · 74 68 · 65 68 · 57 68 · 57	68 · 40 68 · 32 68 · 32 68 · 32 68 · 24	$67 \cdot 24$ $67 \cdot 24$ $67 \cdot 15$ $67 \cdot 07$ $67 \cdot 07$	66·57 66·57 66·65 66·82	$\begin{array}{c} 66 \cdot 40 \\ 66 \cdot 40 \\ 66 \cdot 32 \\ 66 \cdot 32 \\ 66 \cdot 24 \end{array}$	67 · 49 67 · 49 67 · 24 67 · 07 66 · 82	66.90 66.82 66.90 66.90 66.90	67.82 67.57 67.40 67.24 66.99	67·49 67·40 67·32 66·90 66·99	66 · 24 66 · 40 66 · 57 66 · 65 66 · 74
11	68 · 57 68 · 49 68 · 40 68 · 24 68 · 15	68 · 49 68 · 65 68 · 65 68 · 65 68 · 65	68 · 49 68 · 49 68 · 49 68 · 49 68 · 49	68 · 15 68 · 07 67 · 90 67 · 74 67 · 65	67 · 07 66 · 99 66 · 99 66 · 99	66 · 99 66 · 57 66 · 57 66 · 49 66 · 49	$\begin{array}{c} 66 \cdot 24 \\ 66 \cdot 24 \\ 66 \cdot 24 \\ 66 \cdot 15 \\ 66 \cdot 15 \end{array}$	66 · 74 66 · 65 66 · 82 66 · 99 66 · 99	67 · 24 67 · 24 67 · 07 66 · 82 66 · 99	66 · 40 66 · 82 66 · 99 67 · 32 67 · 65	66-99 66-99 67-32 67-15	66.57 66.49 66.49 66.82 66.99
16. 17. 18. 19. 20.	68 · 15 68 · 24 68 · 24 68 · 40 68 · 49	68 · 57 68 · 57 68 · 57 68 · 57 68 · 49	68·40 68·40 68·40 68·40 68·32	67 · 57 67 · 57 67 · 57 67 · 57 67 · 49	66.99 66.99 67.07 67.07 66.99	$66 \cdot 49$	66·57 66·32 66·49 66·57 66·99	$67 \cdot 07$ $67 \cdot 07$ $67 \cdot 07$ $67 \cdot 07$ $67 \cdot 40$	66 · 99 67 · 32 67 · 32 67 · 24 67 · 65	$67 \cdot 40$ $67 \cdot 07$ $66 \cdot 65$ $66 \cdot 82$ $67 \cdot 49$	67·40 66·49 65·99 65·90 65·82	67·32 67·15 66·90 66·99 66·57
21	68 · 57 68 · 74 68 · 82 68 · 74 68 · 65	68 · 49 68 · 49 68 · 49 68 · 57 68 · 57	68·32 68·32 68·32 68·32 68·24	67·49 67·49 67·40 67·40 67·40	66 · 99 66 · 90 66 · 82 66 · 82 66 · 82	$66 \cdot 40$ $66 \cdot 40$ $66 \cdot 40$ $66 \cdot 49$ $66 \cdot 57$	$66 \cdot 99$ $66 \cdot 99$ $67 \cdot 15$ $67 \cdot 24$ $67 \cdot 15$	$67 \cdot 24$ $67 \cdot 15$ $67 \cdot 15$ $67 \cdot 15$ $67 \cdot 24$	67·74 67·65 67·07 66·99 67·49	68 · 32 67 · 49 67 · 24 67 · 07 66 · 90	65 · 82 65 · 90 65 · 99 66 · 07 66 · 57	66 · 57 66 · 82 66 · 82 67 · 15 66 · 99
26	68-57 68-74 68-74 68-74 68-82	68.74 68.74 68.74 69.07 69.15 69.07	68-49 68-40 68-40 68-40 68-49	$\begin{array}{c} 67 \cdot 40 \\ 67 \cdot 32 \\ 67 \cdot 32 \\ 67 \cdot 24 \\ 67 \cdot 24 \\ 67 \cdot 15 \end{array}$	66 · 82 66 · 82 66 · 82 66 · 82 66 · 82 66 · 82	66 · 65 66 · 74 66 · 74 66 · 57 66 · 49	$67 \cdot 57$ $67 \cdot 82$ $67 \cdot 24$ $67 \cdot 24$ $67 \cdot 32$ $67 \cdot 24$	67·49 66·90 66·74 66·74 66·74	$\begin{array}{c} 67 \cdot 74 \\ 67 \cdot 40 \\ 66 \cdot 99 \\ 66 \cdot 74 \\ 67 \cdot 15 \\ 67 \cdot 32 \end{array}$	66-90 67-24 66-90 67-65 67-49 67-57	66-99 66-99 66-40	66 · 57 66 · 57 66 · 65 66 · 65 66 · 74 67 · 07

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1899-1900.

TABLE No. 662. 67 · 24 67 · 07 67 · 07 67 · 07 69.75 68-32 66-57 65-91 66-65 68-24 70 · 99 70 · 99 71 · 49 67 · 57 67 · 57 67 · 49 66-40 66 · 57 66 · 57 66 · 57 66 · 57 66 · 57 66-07 67 · 40 67 · 90 3..... 66-90 66-40 69.83 69.91 68 - 15 66-40 66-15 66.32 66.57 66 · 07 66 · 15 67 - 65 68.07 67.74 71.65 68.07 67.40 $66 \cdot 24$ 66 - 65 66-65 66 - 57 $\begin{array}{c} 71\cdot 65 \\ 71\cdot 99 \\ 71\cdot 82 \\ 71\cdot 90 \\ 71\cdot 90 \end{array}$ $67 \cdot 40$ $67 \cdot 32$ $67 \cdot 24$ $67 \cdot 15$ 66.00 60.83 68.07 66 - 15 66-65 66.65 65.99 $68 \cdot 24 \\ 67 \cdot 74 \\ 67 \cdot 32$ 67-65 67·15 67·57 66.15 69.91 $68 \cdot 07$ $67 \cdot 99$ $67 \cdot 82$ 66-65 68 · 40 67 · 57 67 · 40 66 · 57 67 · 32 67 · 32 66.15 66 - 24 66.40 68.40 69.50 68.49 67.07 66 - 15 66.40 66-40 66.24 67.99 67.24 71·49 71·49 71·40 71·40 68-49 69.41 68 - 57 66-15 66.40 66.24 68 - 49 68·40 68·74 68·90 69-41 69-41 66·15 66·65 66·99 67 · 90 67 · 74 67 · 99 66.90 66-07 66.32 66-90 68-49 66.07 66-32 66-07 66.99 67.24 67.40 69.41 69.40 $71 \cdot 32$ 69.25 68 - 40 66.24 66.07 69.74 71.24 69-16 68-32 66-65 65-99 66-07 66 - 57 67 · 57 67 · 74 67 · 99 67-90 16 66.07 70.90 70.65 70.49 70.32 66 · 74 66 · 82 69-00 66·57 66·57 65-99 66-07 66.07 68-24 $67 \cdot 40$ $67 \cdot 40$ 66-07 68.91 66-57 65-99 $70 \cdot 15$ 68.75 68.07 66-49 $66 \cdot 24$ $66\cdot 24$ 66.99 $68 \cdot 24$ 66.24 70-15 65.99 $70 \cdot 24$ 68-83 67-99 66-57 66-15 66-15 67-49 68 · 83 67·90 67·82 66 · 65 66 · 57 66 · 57 65-99 66-15 67.32 67 · 40 67 · 15 67 · 07 66.07 $65 \cdot 99$ 66.07 66.40 66.07 68-75 66-49 66-07 66.07 66-07 66.82 66-90 26 27 28 29 69·74 69·65 68-66 67-65 66-49 66-15 66-07 65.99 66 - 57 66.82 67-65 67-57 67-57 67-57 65.99 65.99 65.99 70.40 66.82 68·33 68·25 66 · 24 66 · 24 66 · 40 69 - 65 66.32 66.57 70.90 66-40 66 · 24 66 · 24 67-32 67 · 82 67 · 24 66-82 66.40 66 - 65 66-40 66-15 66.74

6 GEORGE V, A. 1916

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1900–01. $$^{\rm TALBE\ No.\,663}$.}$

						_					TEDE: 1	10. 000.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	66 · 82 67 · 49 68 · 07 68 · 40 68 · 40	70 · 24 70 · 07 69 · 90 69 · 90 69 · 90	68 · 90 69 · 07 69 · 49 69 · 90 69 · 74	67·99 67·90 67·65 67·74 67·74	68 · 24 68 · 24 68 · 24 68 · 24 68 · 24	67-24 67-15 67-15 67-07 67-07	66·90 66·90 66·90 66·90	66·40 66·74 66·90 66·74 66·74	67·40 67·40 67·32 67·24 67·32	67 · 57 67 · 07 66 · 99 67 · 49 67 · 65	67 · 74 67 · 74 67 · 90 67 · 90 67 · 65	66·24 66·24 66·15 65·82 65·74
6	68 · 99 69 · 07 69 · 82 69 · 82 69 · 57	69.90 69.74 69.74 69.65 69.74	69·49 69·24 69·07 69·07 69·15	67·74 67·90 67·90 68·07 68·24	68-24 68-15 68-15 68-15 68-15	67·07 66·99 66·90 66·74 66·74	66.90 66.74 66.74 66.74	66·74 66·74 66·74 66·74 66·74	67 · 40 67 · 49 67 · 74 67 · 74 67 · 49	68-07 68-57 68-65 68-57 67-65	67 · 90 67 · 99 68 · 24 67 · 74 67 · 90	65.74 65.90 65.82 65.82 65.74
11	69·24 69·07 68·90 68·74 68·82	69·90 69·74 69·65 69·65	69·24 68·99 68·74 68·74 68·57	68 · 24 68 · 24 68 · 24 68 · 24 68 · 32	67 · 90 67 · 90 67 · 74 67 · 74 67 · 74	66 · 90 66 · 90 66 · 82 66 · 82 66 · 90	66 · 82 66 · 90 66 · 90 66 · 90	66 · 74 66 · 74 66 · 74 66 · 74 66 · 74	67 · 24 67 · 40 67 · 24 67 · 49 67 · 99	67 · 57 67 · 24 67 · 57 67 · 74 68 · 07	68 · 24 67 · 74 67 · 40 67 · 24 67 · 07	65 · 65 65 · 40 65 · 40 65 · 74 65 · 74
16	68-90 68-99 69-07 69-57 69-74	69·40 69·32 69·24 69·40 69·40	68·49 68·40 68·24 68·24 68·15	68·57 68·74 68·90 69·07 69·07	67 · 82 67 · 82 67 · 74 67 · 74 67 · 57	66-99 66-99 66-90 66-99	66.99 67.07 66.90 66.74 66.74	66 · 57 66 · 40 66 · 74 67 · 07	68-24 67-90 67-57 67-49 67-24	68 · 15 67 · 74 66 · 32 66 · 65 66 · 32	67 · 24 67 · 15 66 · 99 66 · 65 66 · 15	
21	69-99 70-15 70-40 70-40 70-49	69·40 69·40 69·40 69·15 69·15	68·15 68·15 68·07 68·07 67·90	68.90 68.90 68.74 68.57 68.57	67 · 40 67 · 40 67 · 40 67 · 40 67 · 40	67 · 07 67 · 24 67 · 07 67 · 07 67 · 07	66 • 74 66 • 65 66 • 65 66 • 65	68 · 24 68 · 40 68 · 74 68 · 57 68 · 40	67 · 15 66 · 99 66 · 99 66 · 90 67 · 07	$66 \cdot 65$ $67 \cdot 24$ $67 \cdot 74$ $67 \cdot 90$ $68 \cdot 49$	65 · 99 66 · 24 66 · 07 66 · 24 66 · 07	65 · 82 66 · 07 66 · 40 66 · 57 66 · 57
26	70·49 70·57 70·57 70·57 70·57	69 · 07 69 · 07 68 · 90 68 · 90 68 · 74 68 · 74	67·90 67·90 67·99 67·99 68·07	68·57 68·57 68·57 68·40 68·24 68·24	67·40 67·40 67·24 67·24 67·24 67·24	66-99 66-57 66-99 66-90	66 · 65 66 · 65 66 · 65 66 · 65 66 · 57 66 · 57	67-49 67-49 67-24 67-24 67-40	67 · 24 67 · 32 67 · 32 67 · 49 67 · 90 67 · 57	67 - 40	65-99 65-99 65-90	66 · 90 68 · 07 68 · 32 68 · 32 68 · 15 68 · 07

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1901–02.

				,	101 19	01-02.				T	ABLE N	o. 664.
1	67 · 99 67 · 82 67 · 90 68 · 15 68 · 90	71·32 71·24 71·07 70·90 70·74	69·40 69·57 69·74 69·82 69·82	68 · 24 68 · 24 68 · 07 67 · 90 67 · 90	67 · 24 67 · 15 67 · 07 66 · 99 66 · 90	66-91 66-83 66-83 66-91 66-91	66·41 66·50 66·50 66·58 66·50	66 · 41 66 · 41 66 · 41 66 · 33 66 · 25	66-07 66-07 66-24 66-15 66-15	66 · 40 66 · 82 67 · 82 68 · 07 68 · 49	67 · 24 67 · 24 67 · 24 66 · 90 67 · 07	64 · 65 65 · 32 66 · 40 67 · 15 68 · 07
6	69·74 70·40 70·90 71·15 71·40	70·57 70·49 70·49 70·40 70·24	69-82 69-82 69-82 69-74 69-65	67 · 74 67 · 74 67 · 82 67 · 82 67 · 74	66 · 90 67 · 07 66 · 99 66 · 99 66 · 99	66.91 66.91 66.75 66.58	66.66 66.58 66.50 66.41 66.41	66·16 66·08 66·08 66·00 65·91	66·15 66·07 66·74 66·99 66·32	68·49 68·49 68·40 68·40 68·32	67·07 66·57 66·15 66·24 65·82	67 · 90 67 · 74 67 · 74 67 · 57 67 · 15
11	71·40 71·15 70·74 70·49 70·32	70 · 24 70 · 24 70 · 24 70 · 24 69 · 90	69-57 69-49 69-24 69-07 68-90	67 · 74 67 · 65 67 · 65 67 · 65 67 · 65	66.99 66.90 66.82 66.74 66.90	66·50 66·41 66·41 66·66 66·75	66 · 41 66 · 50 66 · 41 66 · 41 66 · 41	$65 \cdot 91$ $65 \cdot 91$ $66 \cdot 25$ $66 \cdot 41$ $66 \cdot 41$	66 · 32 66 · 24 66 · 24 66 · 49 68 · 32	$\begin{array}{c} 68 \cdot 24 \\ 68 \cdot 24 \\ 68 \cdot 07 \\ 67 \cdot 82 \\ 67 \cdot 74 \end{array}$	65·82 65·74 65·99 65·99 65·82	67·15 67·15 67·65 68·99 69·07
16	$70 \cdot 24 \\ 70 \cdot 24 \\ 69 \cdot 99 \\ 69 \cdot 99 \\ 69 \cdot 90$	69·74 69·82 69·74 69·74 69·65	68-82 68-74 68-40 68-57 68-74	67 · 49 67 · 40 67 · 40 67 · 40 67 · 40	66 · 90 66 · 90 66 · 65 66 · 65	66.89 66.83 67.00 66.91 66.75	66.41 66.41 66.58 66.91 66.91	66·58 66·58 68·58 66·25 66·25	68·57 68·15 68·15 68·40 68·40	67.65 67.57 67.57 67.82 67.74	$66 \cdot 15$ $65 \cdot 40$ $65 \cdot 40$ $65 \cdot 40$ $65 \cdot 15$	69 · 24 69 · 65 70 · 49 70 · 65 70 · 15
21	69-99 69-99 70-32 70-90 71-07	69 · 65 69 · 65 69 · 65 69 · 65 69 · 49	68-65 68-57 68-74 68-74 68-74	67·32 67·24 67·07 67·07 66·99	66.65 66.74 66.74 66.90 66.90	66 · 75 66 · 75 66 · 66 66 · 60	66.91 66.75 66.75 66.58 66.50	66·16 66·16 66·16 65·75 66·00	68.99 68.74 68.82 68.99 68.07	67 · 90 67 · 82 67 · 82 67 · 74 67 · 57	65 · 15 65 · 40 65 · 07 64 · 99	69·57 69·74 69·57 69·82 69·99
26. 27. 28. 29. 30. 31.	71·24 71·15 71·32 71·15 71·07	69·32 69·32 69·32 69·24 69·24 69·24	68·74 68·57 68·49 68·40 68·17	66-99 66-90 66-90 67-07 67-24 67-24	66·74 66·65 66·65 66·65 66·65	66·25 66·25 66·33 66·33 66·50	$\begin{array}{c} 66 \cdot 41 \\ 66 \cdot 50 \\ 66 \cdot 25 \\ 66 \cdot 25 \\ 66 \cdot 25 \\ 66 \cdot 25 \end{array}$	65.91 65.83 65.83 65.91	67 · 99 67 · 07 66 · 82 66 · 82 66 · 82 66 · 82	68·24 67·90 68·15 68·15 68·24 67·49	64·82 64·57 64·65	$70 \cdot 07$ $69 \cdot 99$ $69 \cdot 82$ $69 \cdot 82$ $69 \cdot 82$ $69 \cdot 82$

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1902-03.

									T	67.74 69.24 67.55 66.66 67.57 69.24 67.55 67.50 67.40 67.55 67.50 67.40 67.55 67.50 67.40 67.40 67.55 67.50 67.40 67.40 67.55 67.50 67.40 67.40 67.55 67.50 67.40 67.40 67.55 67.40 67.40 67.52 67.40 67.40 67.52 67.40 67.40 67.52 67.40 67.40 67.52 67.50					
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.			
1 2 3 4 5	70.65 70.65 70.65 70.40 70.15	69·49 69·49 69·57 69·57 69·57	69·32 69·32 69·40 69·49 69·49	68·82 68·74 68·65 68·74 68·74	67 · 99 68 · 07 68 · 24 68 · 15 68 · 15	67·40 67·40 67·40 67·40 67·32	66 · 65 66 · 74 66 · 74 66 · 74 66 · 74	66-99 66-99 66-90 66-90	67 · 57 67 · 49 67 · 40	69·24 68·07 67·40	67.57 67.65 67.15	66 · 90 67 · 82 67 · 82 67 · 74 67 · 32			
6	69 · 65 69 · 90 69 · 65 69 · 07 69 · 24	69.65 69.74 69.82 69.82 69.82	69·49 69·49 69·57 69·57 69·57	68·74 68·74 68·74 68·74 68·65	68·07 67·99 67·99 68·07 68·07	67 · 32 67 · 24 67 · 24 67 · 07 67 · 07	66-90 66-90 66-90 66-90	66-90 66-99 66-99 66-90	67.07 66.90 67.07	67 · 32 67 · 32 67 · 15	67 · 65 67 · 99 67 · 82	67·32 67·32 67·24 67·49 67·82			
11 12 13 14 15.	69 · 40 69 · 40 69 · 74 69 · 65 69 · 49	69 · 82 69 · 82 69 · 74 69 · 65 69 · 65	69-48 69-40 69-24 69-15 69-15	68-65 68-65 68-57 68-57	67 · 99 67 · 90 67 · 82 67 · 82 67 · 74	67·15 67·15 67·07 67·40 67·24	66.90 66.90 66.90 66.90 67.15	66.90 66.82 66.90 66.99 67.15	68.07 67.90	67·74 67·74	67·32 67·32	67.90 68.74 69.40 69.65 69.74			
16	69·32 69·32 69·32 69·24 69·15	69.65 69.48 69.32 69.32 69.15	69·15 69·40 69·24 69·24 69·15	68·74 68·40 68·57 68·40 68·40	67.74 67.65 67.57 67.40 67.57	67.07 66.99 66.90 66.90	66.99 66.90 66.90 66.90 67.07	67·32 67·32 66·14 67·24 67·74	68-32 68-24 67-65 67-65 67-74	68:24 68:24 67:40 66:57 66:74	68-07 67-74 67-40 67-40 67-40	69.65 69.65 69.74 70.24 70.40			
21 22 23 24 25.	69.07 69.07 69.07 69.40 69.24	69·15 69·07 69·07 69·07 69·07	68-90 68-99 68-90 68-74	68·40 68·40 68·32 68·15 68·15	67·57 67·57 67·57 67·57 67·57	66.90 66.90 66.74 66.65	66 · 90 66 · 82 66 · 82 66 · 82 66 · 82	67·49 67·74 67·74 67·74 67·65	67-90 67-74 67-32 67-82 67-90	66 · 90 68 · 32 68 · 32 68 · 24 67 · 40	67·74 67·90 67·74 67·57 67·40	70·57 70·65 70·74 71·07 71·32			
26	69·24 69·32 69·40 69·49 69·49	69·07 69·24 69·48 69·32 69·24 69·32	68-99 69-07 68-82 68-74 68-65	68·15 68·24 68·24 68·24 68·15 68·07	67-57 67-49 67-40 67-32 67-32 67-32	66·57 66·57 66·74 66·74 66·74	66 · 82 66 · 82 66 · 90 66 · 90 66 · 90 66 · 90	67 · 40 67 · 40 67 · 49 67 · 74 67 · 90	67·74 68·74 68·90 68·90 68·90 68·99	67 · 40 67 · 24 67 · 65 67 · 32 66 · 90 66 · 82	66-40 66-40 66-40	71·32 70·99 70·65 70·32 70·24 70·07			

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1903-04.

						TABLE	NO. 666.	
2	69·90 69·24 69·82 69·24 69·74 69·24 70·07 69·24 70·24 69·24	68·90 69·2 68·82 69·2 68·74 69·4 68·74 69·6 68·65 69·5	68-15 68-32 67-90	67·32 67·32 67·32 67·32 67·24	67·15 67·07 67·07 67·07 66·99 66·74 66·90 66·90 66·90 66·74	65·74 66·74 65·74 64·90 65·74 65·57 65·65 65·90 65·65 65·57	65-49 66-2	07 24 24
7	39-99 69-24 39-99 69-32 39-90 69-49 70-32 69-49 70-24 69-49	68·57 69·4 68·57 69·3 68·57 69·2 68·49 69·0 68·49 68·9	68-15 68-15 68-07	67·32 67·15 67·07 67·07 66·99	$\begin{array}{cccc} 66 \cdot 90 & 66 \cdot 65 \\ 66 \cdot 90 & 66 \cdot 74 \\ 66 \cdot 90 & 66 \cdot 74 \\ 66 \cdot 99 & 66 \cdot 74 \\ 67 \cdot 15 & 66 \cdot 74 \\ \end{array}$	65·74 65·99 65·90 66·07 65·99 66·65 65·82 66·99 65·82 67·07	65-82 66-4 65-40 66-2	49 24 32
12	70 · 15 69 · 57 70 · 07 69 · 57 59 · 65 69 · 65 59 · 49 69 · 65 59 · 40 69 · 57	68·40 68·9 68·40 68·7 68·32 68·5 68·32 68·4 68·49 68·3	68·24 68·24 68·24	66-99 66-99 66-99 66-99	$\begin{array}{cccc} 67 \cdot 40 & 66 \cdot 74 \\ 67 \cdot 49 & 66 \cdot 74 \\ 67 \cdot 49 & 66 \cdot 74 \\ 67 \cdot 49 & 66 \cdot 74 \\ 67 \cdot 40 & 65 \cdot 74 \\ \end{array}$	65.57 67.07 65.65 66.65 66.57 66.99 66.40 66.99 66.32 66.90	65·40 66·9 65·90 66·9 66·49 66·3 66·15 66·6	99 74 57
17	69·32 69·57 69·49 69·49 69·57 69·49 69·74 69·49 69·65 69·49	68·74 68·2 68·65 68·0 68·74 68·0 68·74 67·9 68·74 67·9	68·15 68·07 67·99	66 · 99 66 · 99 67 · 07 67 · 24 67 · 07	$\begin{array}{cccc} 67 \cdot 32 & 66 \cdot 24 \\ 67 \cdot 32 & 66 \cdot 24 \\ 67 \cdot 40 & 66 \cdot 40 \\ 67 \cdot 49 & 66 \cdot 40 \\ 67 \cdot 65 & 66 \cdot 49 \end{array}$	66·40 66·57 66·40 66·57 66·74 66·57 66·57 66·24 65·90 66·24	66.07 66.9 65.90 66.9 65.90 66.9 66.49 66.9 66.49 66.6	90 90 90
22 23 24	59·57 69·40 59·57 71·40 59·57 69·40 59·57 69·32 69·57 69·24	68-82 68-2 68-90 68-2 68-90 68-11 68-90 68-0 69-07 68-0	67.90 67.90 7 67.90	67·07 67·07 67·07 67·24 67·15	$\begin{array}{cccc} 67 \cdot 49 & 66 \cdot 07 \\ 67 \cdot 49 & 66 \cdot 24 \\ 67 \cdot 49 & 66 \cdot 24 \\ 67 \cdot 49 & 66 \cdot 40 \\ 67 \cdot 40 & 66 \cdot 15 \end{array}$	65·24 66·24 66·40 65·90 66·49 65·65 66·74 66·40 66·99 65·90	66-74 66-7 66-24 66-3 65-65 66-4 65-90 67-0 65-99 67-3	57 49 07
27. 28. 29. 30.	69·49 69·32 69·40 69·32 69·40 69·15 69·40 69·15 69·32 68·99 68·99	69·24 68·2 69·32 67·9 69·24 67·9 69·07 67·9 69·15 68·0 68·1	67·24 67·15 67·15 67·15	67·07 67·24 67·24 67·24 67·24	67·32 65·99 67·32 65·90 67·07 66·07 66·99 65·90 66·99	66·74 65·90 66·49 65·24 66·24 64·99 66·24 65·57 66·32 66·07 66·74 66·74		40 57 40 82

 $19a - 36\frac{1}{2}$

6 GEORGE V, A. 1916

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5 for 1904–05.

TABLE NO. 667.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March
1	68·74 69·07 69·65 69·99 70·32	70·90 71·07 71·15 71·40 71·40	71·49 71·64 71·82 71·90 71·99	69 · 90 69 · 90 69 · 74 69 · 65 69 · 65	68·74 68·74 68·74 68·74 68·65	68·07 68·24 68·40 68·49 68·49	68·40 68·40 68·40 68·40 68·40	68·40 68·32 68·24 68·24 68·15	67 · 32 67 · 32 67 · 07 67 · 07 67 · 07	66·74 66·57 66·65 66·65 66·65	66·90 66·74 66·24 66·15 66·40	65·74 65·74 65·74 66·07 66·07
6. 7. 8. 9.	70·32 70·32 70·32 70·57 70·74	71·49 71·57 71·90 71·90 71·99	71.99 71.99 71.90 71.90 71.90	69 · 65 69 · 57 69 · 49 69 · 40 69 · 32	68 · 57 68 · 49 68 · 40 68 · 40 68 · 32	68 · 40 68 · 24 68 · 15 68 · 07 67 · 99	68·40 68·32 68·24 68·24 68·40	68 · 07 67 · 90 67 · 90 67 · 82 67 · 74	66-90 66-99 67-07 66-90 66-74	66·32 65·99 66·24 66·24 66·74	66 · 49 66 · 49 66 · 90 66 · 90 66 · 99	65·57 65·40 65·24 65·40 65·40
11 12 13 14 15	71·24 71·49 71·40 71,24 70·82	71.82 71.99 71.90 71.82 71.82	71.90 71.90 71.82 71.82 71.74	69·24 69·24 69·24 69·24 69·24	68·32 68·32 68·32 68,32 68·32	67.99 67.99 67.90 67,82 67.99	67-99 67-99 68-07 68-07	67-65 67-74 67-74 67-74 67-65	67 · 32 67 · 49 67 · 57 67 · 74 67 · 74	66 · 74 66 · 74 66 · 74 67 · 07 67 · 07	66·57 66·40 66·24 66;24 66;32	65·40 65·74 65·74 65,90 65·90
16	70-57 70-32 70-15 70-07 69-90	71 · 82 71 · 65 71 · 57 71 · 40 71 · 65	71·57 71·65 71·40 71·32 71·24	69-24 69-24 69-24 69-24 69-24	68 · 32 68 · 32 68 · 32 68 · 24 68 · 32	67 · 99 67 · 99 67 · 99 67 · 90	68-07 68-07 67-99 67-99	67 · 57 67 · 49 67 · 24 67 · 24 67 · 32	68 · 24 68 · 24 68 · 24 68 · 40 68 · 32	66 · 90 66 · 82 66 · 82 66 · 82 66 · 90	66·32 66·32 65·99 66·15 66·57	65·90 65·90 65·74 65·74 65·99
21 22 23 24 25	69·74 69·65 69·74 69·90	71.65 71.65 71.57 71.57 71.57	70·99 70·65 70·57 70·49 70·40	69 · 24 69 · 24 69 · 24 69 · 07 68 · 90	68 · 49 68 · 49 68 · 40 68 · 40 68 · 32	67 · 74 67 · 65 67 · 65 67 · 65 68 · 07	68 · 65 68 · 82 68 · 82 68 · 74 68 · 74	67-40 67-40 67-49 67-24 67-24	68 · 32 67 · 90 67 · 90 67 · 90	66 · 90 67 · 24 67 · 07 67 · 07 66 · 90	66 · 65 66 · 40 66 · 40 66 · 40	$\begin{array}{c} 66 \!\cdot\! 24 \\ 66 \!\cdot\! 40 \\ 66 \!\cdot\! 40 \\ 66 \!\cdot\! 24 \\ 67 \!\cdot\! 40 \end{array}$
26. 27. 28. 29. 30.	69·82 69·82 69·82 69·99 70·49	71·49 71·49 71·49 71·40 71·32 71·32	70·32 70·24 70·07 69·99 69·99	68 · 90 68 · 74 68 · 74 68 · 74 68 · 74 68 · 74	68·40 68·32 68·32 68·24 68·24 68·07	68 · 24 68 · 07 68 · 07 68 · 07 68 · 24	68 · 65 68 · 57 68 · 57 68 · 49 68 · 49 68 · 40	67·32 67·40 67·32 67·24 67·24	67 · 90 66 · 57 66 · 90 66 · 32 66 · 24 66 · 57	66-65	66-40 65-74 65-90	66·57 67·40 67·74 67·99 68·32 68·90

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1905–06.

					101 13	00.			TA			
1 2 3 4 5	69·32 69·49 69·40 69·24 69·24	67 · 90 67 · 99 68 · 07	68·74 68·74 68·82 68·82 68·65	68 · 40 68 · 74 68 · 74 68 · 74 68 · 74	67 · 99 68 · 07 68 · 24 68 · 07 68 · 07	67 · 49 67 · 49 67 · 49 67 · 49 67 · 49	67 · 32 67 · 32 67 · 40 67 · 49 67 · 40	67 · 49 67 · 49 67 · 49 67 · 49 67 · 49	67 · 24 67 · 24 67 · 07 67 · 07 67 · 07	67 · 74 67 · 40 67 · 40 67 · 40 66 · 74	68 · 24 67 · 99 68 · 24 68 · 24 68 · 24	67 · 40 68 · 32 67 · 74 67 · 74 67 · 74
6	69·32 69·49 69·40 69·32 69·15	68 · 74 68 · 90 68 · 90 68 · 90 68 · 90	68 · 57 68 · 40 68 · 40 68 · 40 68 · 40	68·74 68·49 68·40 68·32 68·24	67-99 67-90 66-90 67-90 67-90	67 · 49 67 · 64 67 · 74 67 · 74 67 · 74	67 · 40 67 · 24 67 · 24 67 · 24 67 · 24	67·07 67·07 67·24 67·40 67·40	67 · 07 67 · 07 67 · 07 67 · 07 67 · 07	67 · 99 67 · 90 68 · 24 68 · 40 68 · 40	68.07 68.07 67.99 67.99 68.07	67 · 74 67 · 65 67 · 07 66 · 90 66 · 99
11	69 · 07 69 · 07 68 · 90 68 · 90 68 · 82	68 · 90 68 · 90 69 · 07 69 · 07 69 · 07	68 - 49 68 - 57 68 - 74 68 - 74 68 - 74	68-07 68-07 68-07 68-07 68-07	67.90 67.90 67.74 67.74 67.49	67.75 67.49 67.40 67.32 67.24	67 · 07 67 · 07 67 · 07 67 · 24 67 · 24	67-40 67-40 67-40 67-40 67-40	66-74 66-90 66-90 66-99	68·74 69·07 69·24 69·07 69·07	68·32 68·32 68·24 68·24 68·32	$67 \cdot 07$ $67 \cdot 24$ $67 \cdot 24$ $67 \cdot 24$ $67 \cdot 24$
16	68 · 57 68 · 49 68 · 40 68 · 40 68 · 40	69·32 69·40	68-65 68-57 68-57 68-49 68-74	68 · 24 68 · 07 68 · 07 67 · 99 67 · 99	67 · 32 67 · 49 67 · 57 67 · 74 67 · 82	67 · 32 67 · 40 67 · 40 67 · 40 67 · 57	67 · 40 67 · 32 67 · 32 67 · 24 67 · 40	67 · 40 67 · 40 67 · 24 67 · 24 67 · 07	67 · 07 67 · 32 67 · 32 67 · 32 67 · 32	68-40 67-99 67-99 67-90 67-90	67 · 24 67 · 24 67 · 74 67 · 40 67 · 24	$67 \cdot 32$ $67 \cdot 07$ $67 \cdot 07$ $66 \cdot 99$ $66 \cdot 74$
21	68 · 24 68 · 24 68 · 07 67 · 99 68 · 15	69 · 40 69 · 40 69 · 40	$68 \cdot 74$ $68 \cdot 74$ $68 \cdot 82$ $68 \cdot 74$ $68 \cdot 65$	67-99 67-99 67-99 67-99	67.82 67.74 67.74 67.49 67.49	67·74 67·74 67·82 67·74 67·65	67 · 49 67 · 65 67 · 57 67 · 49 67 · 57	67.07 67.07 66.90 66.90 67.07	66 · 49 66 · 99 66 · 99 67 · 32 67 · 40	67.90 67.57 67.90 68.57 69.07	67 · 07 67 · 40 67 · 49 67 · 40 67 · 40	66 · 57 66 · 90 66 · 82 67 · 07 66 · 82
26	68·15 67·99 67·90 67·90 67·90	69·07 69·07 68·99 68·90	68 · 57 68 · 49 68 · 40 68 · 40 68 · 40	67 · 99 67 · 90 67 · 99 67 · 82 67 · 90 67 · 90	$\begin{array}{c} 67 \cdot 40 \\ 67 \cdot 49 \\ 67 \cdot 49 \\ 67 \cdot 49 \\ 67 \cdot 24 \\ 67 \cdot 24 \end{array}$	67·57 67·57 67·40 67·24 67·24	$\begin{array}{c} 67 \cdot 49 \\ 67 \cdot 40 \\ 67 \cdot 24 \\ 67 \cdot 24 \\ 67 \cdot 24 \\ 67 \cdot 15 \end{array}$	67 · 24 67 · 24 67 · 24 67 · 24 67 · 24	67 · 40 67 · 15 67 · 07 66 · 90 67 · 15 67 · 40	69·07 68·57 68·57 68·49 68·49 68·07	67·24 67·40 67·49	66 · 82 66 · 82 67 · 40 68 · 07 67 · 65 68 · 24

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1906-07.

								-	-	1.4	BLE N	0. 669.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	67-99 67-99 67-90 67-90 67-90	68 · 65 68 · 57 68 · 57 68 · 74 68 · 90	68-99 68-99 68-99 68-99	68 · 74 68 · 65 68 · 49 68 · 40 68 · 24	67·24 67·24 67·15 67·15 67·15	66 · 82 66 · 82 66 · 74 66 · 74 66 · 65	66 · 24 66 · 24 66 · 24 66 · 24 66 · 24	66·40 66·32 66·24 66·24 66·24	66 · 65 66 · 57 66 · 57 66 · 57 66 · 57	66 · 99 66 · 82 67 · 07 67 · 82 67 · 90	68 · 07 67 · 90 67 · 49 67 · 07 67 · 07	66-65 66-82 66-90 66-57 66-40
6	67 · 90 67 · 99 67 · 90 67 · 82 67 · 74	68-90 68-90 68-99 69-07 69-07	68-99 68-90 69-40 69-74 69-82	68-07 68-07 68-07 68-07 68-07	67 · 15 67 · 15 67 · 07 67 · 07 67 · 07	66 · 65 66 · 57 66 · 57 66 · 49 66 · 49	66 · 24 66 · 65 66 · 40 66 · 32 66 · 32	$66 \cdot 24$ $66 \cdot 24$ $66 \cdot 24$ $66 \cdot 15$ $66 \cdot 24$	66 · 40 66 · 40 66 · 40 67 · 74 67 · 74	67 · 90 68 · 24 67 · 90 67 · 99 68 · 15	67 · 24 67 · 15 68 · 07 68 · 57 68 · 82	66 · 24 66 · 24 66 · 32 66 · 32 65 · 74
11	67 · 82 67 · 90 67 · 99 67 · 99 68 · 07	69·07 69·24 69·24 69·32 69·49	69 · 65 69 · 65 69 · 49 69 · 40 69 · 40	68-07 67-99 67-99 67-90 67-90	67.07 67.07 66.99 66.90	66 · 49 66 · 49 66 · 49 66 · 49	66·40 66·32 66·32 66·32 66·32	66 · 24 65 · 74 65 · 57 66 · 40 66 · 24	67 · 65 67 · 90 68 · 24 68 · 57 68 · 32	68 · 40 68 · 65 68 · 40 68 · 40 68 · 24	68-32 67-90 67-40 67-65 67-99	66 · 40 66 · 32 65 · 99 65 · 65 65 · 65
16	68-07 68-40 68-40 68-40 68-57	69·40 69·49 69·65 69·65 69·65	69 · 40 69 · 40 69 · 24 69 · 24 68 · 99	67 · 90 67 · 74 67 · 74 67 · 74 67 · 65	66 · 90 66 · 90 66 · 90 66 · 82 66 · 82	66 · 49 66 · 40 66 · 40 66 · 24	$66 \cdot 24$ $66 \cdot 24$ $66 \cdot 24$ $66 \cdot 24$ $66 \cdot 32$	66 · 24 66 · 24 66 · 24 66 · 32 66 · 40	68 · 24 68 · 24 67 · 90 68 · 07 68 · 40	67 · 82 67 · 24 67 · 24 66 · 24 66 · 32	67 65 67 32 67 07 66 90 66 90	65 · 90 66 · 40 66 · 74 66 · 99 66 · 82
21	68 · 49 68 · 49 68 · 57 68 · 65	69·57 69·49 69·40 69·40 69·40	69·07 68·90 68·90 68·90 68·90	67-65 67-65 67-49 67-49	66 · 82 66 · 74 66 · 82 66 · 82	66 · 24 66 · 07 66 · 24 66 · 24 66 · 24	66 · 32 66 · 24 66 · 24 66 · 24 66 · 40	66 · 49 66 · 82 66 · 82 66 · 82 66 · 82	68·49 68·49 68·49 68·49 68·57	67 · 24 66 · 74 66 · 82 66 · 74 66 · 82	67 · 40 67 · 07 66 · 90 67 · 24 67 · 57	66 · 90 66 · 65 66 · 82 67 · 40 67 · 90
26 27 28 29 30 31	68 · 65 68 · 82 68 · 74 68 · 74 68 · 57	69·40 69·24 69·24 69·07 69·07	68 · 90 68 · 74 68 · 74 68 · 74 68 · 74	$\begin{array}{c} 67 \cdot 49 \\ 67 \cdot 40 \\ 67 \cdot 40 \\ 67 \cdot 40 \\ 67 \cdot 40 \\ 67 \cdot 32 \\ 67 \cdot 32 \end{array}$	66 · 82 66 · 82 66 · 90 66 · 90 66 · 90	66 · 24 66 · 24 66 · 24 66 · 32 66 · 32	66 · 49 66 · 49 66 · 74 66 · 90 66 · 74 66 · 57	66 · 74 66 · 65 66 · 65 66 · 65 66 · 65	68-57 68-49 68-40 68-24 67-40 67-24	66 · 82 67 · 32 67 · 57 67 · 82 68 · 07 68 · 07	67·24 66·99 66·57	67 · 99 67 · 99 68 · 07 68 · 90 69 · 57 70 · 24

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1907-08.

10r 1901-08. TABLE No.													
1 2 3 4 5	71 · 40 70 · 40 70 · 40 69 · 65 69 · 74	69·40 69·57 69·74 70·07 70·32	69 · 90 69 · 82 69 · 82 69 · 74 69 · 74	69 · 15 69 · 24 69 · 07 69 · 07 69 · 07	68 · 32 68 · 32 68 · 15 68 · 07 68 · 07	67 · 24 67 · 15 67 · 15 67 · 15 67 · 07	67 - 40 67 - 49	67 · 32 67 · 40 67 · 74 67 · 90 67 · 74	67 · 49 67 · 49 67 · 49 67 · 49 67 · 40	68 · 74 68 · 65 68 · 57 68 · 40 68 · 40	66 · 99 67 · 24 67 · 32 67 · 40 67 · 32	67 · 99 67 · 90 67 · 90 67 · 90 67 · 74	
6	69·65 69·40 69·24 69·07 68·99	70 · 32 70 · 07 69 · 90 69 · 74 69 · 90	69 · 74 69 · 74 69 · 74 69 · 74 69 · 65	68-99 68-99 68-99 68-90	68-07 68-07 67-90 67-74 67-74	67 · 15 67 · 15 66 · 99 67 · 07	67 · 49 67 · 49 67 · 49 67 · 57 67 · 57	67 · 74 68 · 32 68 · 40 68 · 49 68 · 57	67 · 40 67 · 40 67 · 40 67 · 40 67 · 40	68 · 40 68 · 40 68 · 82 68 · 82 68 · 07	67 · 07 67 · 40 67 · 40 67 · 40 67 · 74	67·57 67·49 67·32 67·24 66·90	
11 12 13 14 15	68 · 90 68 · 90 69 · 15 69 · 32 68 · 99	69 · 65 69 · 57 69 · 40 69 · 40 69 · 49	69 · 57 69 · 74 69 · 74 69 · 65 69 · 65	68-90 68-82 68-99 68-74 68-57	67 · 74 67 · 74 67 · 74 67 · 74 67 · 57	67 · 24 67 · 24 67 · 32 67 · 40 67 · 40	67-65 67-74 67-74 67-74 67-74	68 - 49 68 - 40 68 - 24 68 - 15 67 - 74	67 · 99 67 · 99 67 · 74 67 · 82 67 · 82	68-49 63-74 68-74 69-32	68 · 40 68 · 07 68 · 07 67 · 65 67 · 32	67 · 24 67 · 32 67 · 40 67 · 40 67 · 40	
16	68-99 68-99 68-99 68-99	69·49 69·49 69·49 69·74 69·90	69 · 74 69 · 57 69 · 57 69 · 65 69 · 65	68 · 49 68 · 49 68 · 40 68 · 40 68 · 40	67 · 57 67 · 49 67 · 49 67 · 49 67 · 49	67 · 40 67 · 40 67 · 07 67 · 07 67 · 24	67 · 74 67 · 82 67 · 82 67 · 82 67 · 74	67-65 67-57 67-65 67-74 67-74	67 · 82 67 · 90 67 · 90 67 · 90 67 · 90	69·74 69·65 69·24 69·24 68·82	67 · 49 67 · 74 68 · 49 68 · 49 68 · 57	67 · 82 68 · 24 68 · 40 68 · 40 68 · 40	
21 22 23 24 25	68 · 82 68 · 74 68 · 65 68 · 57 68 · 57	70 · 07 70 · 24 70 · 32 70 · 49 70 · 40	69-65 69-40 69-24 69-24 69-24	68 · 24 68 · 24 68 · 24 68 · 24 68 · 24	67 · 49 67 · 49 67 · 49 67 · 49 67 · 57	67 · 24 67 · 40 67 · 24 67 · 49 67 · 49	67 · 74 67 · 65 67 · 65 67 · 65 67 · 57	67 · 74 67 · 74 67 · 74 67 · 57 67 · 57	67 · 90 67 · 90 67 · 82 67 · 82 67 · 82	68 · 57 68 · 40 67 · 49 67 · 40 68 · 24	68-57 69-32 68-90 68-99 68-99	68 · 24 67 · 99 67 · 99 67 · 99 68 · 07	
26	68 · 49 68 · 40 68 · 40 68 · 90 68 · 99	$\begin{array}{c} 70 \cdot 49 \\ 70 \cdot 07 \end{array}$	69 · 24 69 · 24 69 · 24 69 · 24 69 · 07	68 · 24 68 · 24 68 · 40 68 · 40 68 · 24 68 · 24	$\begin{array}{c} 67 \cdot 57 \\ 67 \cdot 57 \\ 67 \cdot 49 \\ 67 \cdot 40 \\ 67 \cdot 32 \\ 67 \cdot 40 \end{array}$	67 · 40 67 · 40 67 · 40 67 · 40 67 · 40	67 · 65 67 · 57 67 · 57 67 · 57 67 · 57 67 · 40	67 · 57 67 · 74 67 · 74 67 · 57 67 · 57	67 · 82 67 · 82 67 · 90 67 · 74 68 · 65 68 · 74	68 · 24 68 · 24 67 · 24 66 · 90 66 · 82 66 · 82	68 · 99 68 · 49 67 · 99 67 · 82	68-40 68-74 69-07 69-40 69-57 69-57	

6 GEORGE V. A. 1916

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1908-09.

TABLE No. 671.

				-		Name of Street	-			17	IBLE N	0. 6/1.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	69-99 69-99 69-99 69-99 70-07	71 · 82 72 · 07 72 · 15 72 · 15 72 · 49	72·32 72·24 72·24 72·24 72·15	69 - 90 69 - 82 69 - 74 69 - 65 69 - 57	68.74 68.74 68.65 68.49 68.49	67-90 67-90 67-74 67-74 67-74	67 · 40 67 · 40 67 · 24 67 · 24 67 · 15 67 · 07	66-65 66-65 66-65 66-74	66·74 66·82 66·57 66·57 66·57	68-40 68-40 68-07 67-24 66-57	67 · 24 67 · 07 66 · 57 67 · 07 67 · 90	65 · 82 65 · 99 66 · 40 66 · 32 66 · 40
6	70·07 70·07 70·40 70·40 70·40	72 · 40 72 · 15 72 · 15 72 · 74 73 · 24	72.07 71.99 71.90 71.90 71.74	69·49 69·49 69·40 69·40	68-40 68-40 68-40 68-40	67 · 74 67 · 74 67 · 65 67 · 65 67 · 65	66-99 66-90 66-99 66-99	66·74 66·74 66·74 66·74 66·74	66-57 66-24 66-40 66-40 66-40	66-40 66-32 66-74 67-07 67-57	67.90 68.07 67.49 67.07 66.65	66·40 66·99 66·99 66·65 66·32
11	70-90 70-90 71-07 70-99 70-99	73 · 15 73 · 15 73 · 07 73 · 07 72 · 99	71.65 71.49 71.40 71.24 71.07	69-40 69-40 69-40 69-32	68-40 68-40 68-40 68-40 68-40	67 · 65 67 · 65 67 · 65 67 · 57 67 · 49	66-99 66-99 66-99 66-99	66 · 74 66 · 65 66 · 65 66 · 65 66 · 65	66-49 66-49 66-57 66-57 66-57	68 · 07 67 · 24 67 · 40 67 · 24 67 · 24	66-99 67-24 66-65 66-74 67-24	66·32 66·15 66·40 66·57 66·57
16	70-90 70-74 70-57 70-49 70-40	72·99 72·99 72·90 72·90 72·82	70-90 70-74 70-65 70-57 70-49	69·24 69·24 69·24 69·24 69·15	68-40 68-40 68-40 68-40 68-32	67-40 67-40 67-32 67-32	66 · 99 66 · 82 66 · 74 66 · 65 66 · 65	66-65 66-49 66-49 66-65	66-40 66-24 65-99 66-24 66-74	67 · 07 66 · 82 66 · 74 66 · 57 66 · 74	66·74 66·40 66·24 66·24	66.49 66.49 66.49 66.49
21	70 · 24 .69 · 99 70 · 07 69 · 99 69 · 99	72·74 72·74 72·65 72·65 72·65	70-40 70-40 70-40 70-40 70-40	69·15 69·24 69·24 69·07 68·99	68 · 24 68 · 15 68 · 07 68 · 07 68 · 07	67·32 67·32 67·32 67·24 67·24	66 · 65 66 · 65 66 · 65 66 · 65	66 · 65 66 · 57 66 · 40 66 · 40 66 · 24	66-74 66-65 67-57 67-57 67-57	67 · 32 67 · 40 66 · 65 66 · 57 65 · 74	66-32 66-40 66-24 66-24 66-15	66·49 66·40 66·40 66·49
26	69·99 70·24 70·40 70·74 71·15	72.65 72.65 72.57 72.49 72.40 72.32	70·32 70·24 70·15 69·99 69·90	68-99 68-90 68-90 68-82 68-82 68-74	67 · 99 67 · 90 67 · 90 67 · 90 67 · 90 67 · 90	67·24 67·24 67·24 67·40 67·40	66 · 65 66 · 65 66 · 65 66 · 65 66 · 65	66-24 66-74 66-82 66-82 66-57	67-65 67-74 67-90 68-15 68-24 68-40	66 · 24 66 · 57 66 · 90 66 · 90 67 · 24 67 · 49	66 · 24 66 · 74 67 · 24	66 · 74 66 · 99 66 · 99 67 · 32 67 · 65 67 · 90

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1909-10.

TABLE No. 672. 70 · 99 71 · 24 71 · 40 71 · 24 72·90 72·57 72·49 72·24 68-90 68·74 68·74 68·74 68·74 67 · 74 67 · 74 67 · 74 67 · 74 $67 \cdot 40$ $67 \cdot 32$ $67 \cdot 24$ $67 \cdot 24$ 66 · 74 66 · 74 66 · 74 66 · 74 67 - 65 66-49 67.74 67-24 66 - 24 67.90 68.24 68.57 68-90 68-90 67 · 32 66 · 57 66 · 57 66-49 68-07 65.90 66-40 66.24 66-40 66-65 71.07 71.99 66-65 66-90 71 · 74 71 · 57 71 · 49 71 · 40 71 · 24 68 · 74 68 · 65 69.57 68-49 67 - 74 67 - 24 466 - 65 66.74 66-49 67-15 67 · 74 67 · 65 67 · 49 67 · 32 67 · 32 67 · 24 67 · 15 67 · 24 67 · 24 67 · 24 70.90 66-65 67-32 67-07 70 · 74 70 · 74 71 · 07 66 · 57 66 · 57 67 · 32 67 · 65 $70 \cdot 57$ 68 - 57 68-40 66-49 68-40 70.90 68.40 68-40 66.90 68 · 24 68 · 15 66-57 66.74 10..... 70.74 68-49 68 - 24 67 - 65 67 - 07 67 · 40 67 · 40 67 · 40 67 · 40 67 · 24 67 · 24 67 · 07 67 · 07 67 · 07 70.40 71 · 24 71 · 74 71 · 90 70-90 68.49 68-07 66-57 66.49 65.90 12..... 69.99 68·49 68·49 68-07 68-07 66 · 24 66 · 07 67 · 65 67 · 57 66.07 69.82 66-57 66-07 67-99 67-99 14..... 15..... 70.07 70.40 68-40 67.40 66-65 66-65 67-40 67.07 67.07 67.07 66.90 $72 \cdot 07$ $72 \cdot 24$ 67.99 66-65 70·24 70·24 70·40 70 · 32 70 · 24 70 · 07 68-40 67 · 99 67 · 90 67 · 90 67 · 32 67 · 24 67 · 24 66-65 66-65 67 · 32 67 · 32 67 · 07 67 · 24 67 · 49 67 · 32 68-40 68-32 66-57 66-57 66-65 66-65 65-99 65-90 70.49 67.24 66.82 67 · 74 67 · 74 67 · 74 67 · 74 67 · 74 72·49 72·49 72·65 $\begin{array}{c} 67 \cdot 24 \\ 67 \cdot 24 \end{array}$ 70.49 69-82 68 · 24 68 · 24 66 · 74 66-74 66-65 66-49 66.07 67-49 69·74 69·74 66-57 65·24 65·07 70.49 68 - 40 66-82 66-65 66.21 24.....25..... 70.49 69-65 68-49 66-82 66·57 66 · 65 66 · 74 66-40 66-57 69-65 68-49 66.82 65.74 67 · 82 67 · 74 67 · 74 67 · 74 67 · 74 67 · 74 67 · 07 67 · 24 67 · 24 67 · 24 66·74 66·74 66·74 66·74 66·74 66·74 69.57 68.40 66-40 66.74 66 · 57 66 · 57 66 · 74 65,00 68-40 68 · 57 68 · 57 68 · 74 68 · 74 68 · 74 66.74 68·57 68·57 69.49 66·40 66·57 66 - 65 65.90 66 · 74 66 · 74 69.24 66 · 74 67 - 24 66-99 68-40

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1910-11.

TABLE No. 673 July. April. May. June Aug. Sept. Oct. Nov. Dec. Jan. Feb. March. Day. 67.82 67.74 67.74 67.65 67.24 66·74 66·74 68.57 69-40 68-57 66-65 66.40 68 · 65 68 · 74 67-07 67-07 67-07 66·74 66·74 66 · 57 66 · 57 66 · 57 66-40 66-24 66-24 66·74 66·90 68-65 69.40 66 - 40 65.90 66-65 68.74 $69 \cdot 49$ 66-40 65.90 66.57 68 - 90 69.49 68-65 66-49 66.32 68 - 99 69.57 68-49 66-40 66 - 15 66.32 69.07 68.49 $67 \cdot 65 \\ 67 \cdot 57 \\ 67 \cdot 49$ 66 - 57 66-07 66.24 66.49 66.99 66-90 66·74 66·74 66·74 66-65 68-90 69-07 69·74 69·57 68.65 66-07 66 · 07 66 · 24 66.07 65.74 65.99 65.57 68.74 66.99 66-15 67 · 49 67 · 40 66-65 69.07 69.40 68 - 82 66.90 66.90 66.90 66-57 66.32 69.24 68.82 66-82 66.49 67 · 32 67 · 24 67 · 24 67 · 24 66 · 99 67 · 24 67 · 32 67 · 32 69·24 69·07 68 · 74 68 · 74 67 · 07 67 · 07 66 · 99 66·90 66·74 66·74 66-82 66·74 66·74 66·74 66.99 69·32 69·24 69·24 66-99 67-07 66.90 14..... 68 - 82 69.07 64-90 68-90 68.74 66.99 66-74 $65 \cdot 40$ 64 - 90 $\begin{array}{c} 67 \cdot 24 \\ 67 \cdot 15 \\ 67 \cdot 15 \\ 67 \cdot 15 \\ 67 \cdot 07 \end{array}$ 66·74 66·74 66 · 74 66 · 65 69 · 24 68 · 65 68·74 68·74 68·74 66.90 66.90 65.32 64.74 64.74 65.5766.90 66-65 67 · 07 67 · 40 68-65 66.65 66.82 65·57 66·07 68.82 68.99 66.90 66-65 66.65 68 - 82 68.74 66.90 66-49 $67 \cdot 24$ 68.82 68.49 66.90 66 - 57 66.40 66.40 67 - 15 67-40 $66 \cdot 40$ 66·57 66·57 66·57 66·57 65-15 67 · 15 67 · 32 67 · 24 67 · 24 66 · 49 67 · 90 67 · 65 67 · 82 68-65 66.90 66.24 66 · 49 66 · 57 66 · 57 66·57 66·57 68-90 $68\cdot 65$ 68·32 68·24 66-90 $66 \cdot 49$ 68.65 66-93 66+90 65-15 68 - 99 68 - 65 66-90 66.82 66-74 67 · 65 67 · 57 67 · 82 67 · 24 68·57 $\begin{array}{c} 67 \cdot 15 \\ 67 \cdot 15 \\ 67 \cdot 24 \end{array}$ 66·57 66·57 66·74 66·65 68.90 $68 \cdot 24$ 66-90 66-65 66-15 65-65 68·07 67·99 67·90 67·90 66.40 69·15 69·15 66-90 $65 \cdot 40$ $65 \cdot 32$ 68·57 68·57 66+40 66 · 57 66 · 74 66 · 90 69-40 66-90 $66 \cdot 57$ 66.65 $66 \cdot 40$ 66-65 68 · 49 68 · 49 66.40 66.82 69.40 66.90 66.40 66.90 66-65 66.32 $66 \cdot 40$

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1911-12.

TABLE No. 674. $\begin{array}{c} 67 \cdot 49 \\ 67 \cdot 49 \\ 67 \cdot 40 \\ 67 \cdot 40 \\ 67 \cdot 40 \end{array}$ 67·07 67·24 67·24 67·24 66.32 69.07 66.40 65.00 65.65 65.57 65.00 69 - 40 66.32 65.90 65.90 65.74 65.74 65.74 69.07 65.90 65·65 65·65 65·57 65·57 66.40 69 - 49 66 - 40 66·40 65·57 66·24 66·32 69.57 68-90 66.32 65.90 66·74 66·74 68.90 65.90 65.57 68-90 66-24 65.90 $65 \cdot 74$ $65 \cdot 74$ $65 \cdot 74$ $65 \cdot 74$ $65 \cdot 74$ 65-90 69·74 69·74 67.32 67.32 67.24 65.99 65.65 65.74 65.74 65-90 67 · 32 67 · 07 67 · 32 67·07 66·90 68 - 49 $66 \cdot 24$ 68-07 66-24 66-24 66-07 66.07 68 - 57 66.32 68 - 49 68-40 66-07 65.82 $65 \cdot 74 \\ 65 \cdot 74 \\ 65 \cdot 74$ 66.74 66.74 66.74 66.74 69 - 82 68-40 66-15 65·65 65·65 66-40 65.99 69.32 69.82 66-90 66 · 24 66 · 24 66.49 66-49 65.15 65·74 65·74 69.40 69.82 69.49 69.74 68 - 57 66.90 66-49 69-74 68-57 66-24 68-40 68-24 67-74 67-74 69·57 69·40 69 · 65 69 · 49 66-99 66-99 66 · 32 66 · 32 65·82 65·74 65·74 65·57 65·57 65·57 65.82 65.90 66.82 66 · 74 66 · 74 66 · 99 66-40 $65 \cdot 15$ $65 \cdot 15$ 66.40 68 - 49 66-90 66-24 65-74 65 - 65 66 - 24 66.74 67.07 65.07 67 · 74 67 · 65 67 · 57 67 · 57 67 · 57 66.82 66.74 65.74 65.74 65.74 67.07 67.07 67.07 $66 \cdot 74$ 64.82 65.90 68-07 68-15 69-15 66.82 $66 \cdot 24$ 64.65 66 - 07 68.90 65.00 64.99 66.65 66-15 66.07 66.82 66.99 $69 \cdot 07 \\ 69 \cdot 15$ $67 \cdot 57$ $67 \cdot 57$ $67 \cdot 57$ 66-07 65.74 65.74 65.74 $65 \cdot 74 \\ 65 \cdot 74$ 66.07 66.90 $66 \cdot 74$ $66 \cdot 57$ $66 \cdot 57$ 66.07 65·40 65·32 65·74 66 - 65 66-90 68-**4**9 67·49 67·49 $69 \cdot 07$ 66.57 66.07 66.07 66.07 66.40 65.74 65 - 90 66 - 49 64 - 57 66.32 65-65

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1912-13.

TABLE No. 675.

		-								***	DDE N	0. 010.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	65·74 66·24 66·32 66·40 66·40	69·90 69·74 69·65 69·57 69·57	72·40 72·24 71·90 71·74 71·57	69 · 24 69 · 07 68 · 90 68 · 82 68 · 82	67 · 90 67 · 82 67 · 82 67 · 74 67 · 74	67·32 67·32 67·32 67·24 67·24	67·40 67·40 67·40 67·40 67·40	67-90 67-90 67-90 67-90 67-99	67·74 67·90 68·07 68·40 68·49	67 · 65 67 · 57 67 · 40 68 · 24 67 · 57	68-99 68-65 68-74 68-74	67·57 68·07 67·24 67·57 67·57
6 7 8 9 10	66 · 74 67 · 24 68 · 24	69·49 69·49 69·40 69·40 69·40	$\begin{array}{c} 71 \cdot 40 \\ 71 \cdot 24 \\ 71 \cdot 15 \\ 71 \cdot 07 \\ 70 \cdot 90 \end{array}$	68 · 82 68 · 74 68 · 74 68 · 65 68 · 57	67 · 65 67 · 65 67 · 65 67 · 65 67 · 65	67 · 24 67 · 32 67 · 40 67 · 40 67 · 40	$67 \cdot 32$ $67 \cdot 32$ $67 \cdot 24$ $67 \cdot 24$ $66 \cdot 90$	67.90 68.07 68.40 68.99 69.24	68 · 65 68 · 90 68 · 49 68 · 40 68 · 24	67 · 82 67 · 74 67 · 49 67 · 32 68 · 49	68 · 74 68 · 57 68 · 40 68 · 07 68 · 15	67 · 57 67 · 40 67 · 49 67 · 74 67 · 32
11	69·24 69·24 69·57 69·49 69·90	69 · 40 69 · 49 69 · 65 69 · 74 69 · 74	70 · 74 70 · 65 70 · 49 70 · 24 70 · 07	68·49 68·40 68·32 68·24 68·15	67 · 65 67 · 65 67 · 65 67 · 65 67 · 49	67 · 49 67 · 49 67 · 57 67 · 57 67 · 49	66 · 90 66 · 74 67 · 07 67 · 24 67 · 24	68·99 68·57 68·82 68·90 69·07	$68 \cdot 07$ $68 \cdot 07$ $68 \cdot 07$ $67 \cdot 99$ $67 \cdot 99$	68 · 99 69 · 07 68 · 57 68 · 65 69 · 49	68 · 65 68 · 49 68 · 32 68 · 49 68 · 07	67·07 67·07 66·99 67·15 67·82
16	69·90 70·07 70·07 70·40 70·49	69 · 65 69 · 90 70 · 07 70 · 24 70 · 32	70·24 70·24 70·15 70·07 69·90	68 · 15 68 · 07 68 · 07 68 · 07 68 · 07	67 · 49 67 · 49 67 · 49 67 · 49 67 · 49	$67 \cdot 40$ $67 \cdot 32$ $67 \cdot 32$ $67 \cdot 32$ $67 \cdot 32$	67·15 67·07 66·74 66·99 67·07	68·90 68·90 68·82 68·82 68·99	$67 \cdot 82$ $67 \cdot 65$ $67 \cdot 07$ $67 \cdot 15$ $67 \cdot 49$	69 · 49 68 · 49 58 · 49 69 · 07 69 · 57	67 · 90 67 · 99 68 · 07 68 · 24 68 · 40	68 · 90 69 · 32 69 · 49
21 22 23 24 25	70·40 70·24 70·07 70·24 70·24	70 · 32 70 · 49 70 · 65 70 · 90 70 · 90	69 · 82 69 · 74 69 · 74 69 · 74 69 · 74	68-07 67-99 67-99 67-90	67 · 40 67 · 49 67 · 49 67 · 57	$67 \cdot 32$ $67 \cdot 32$ $67 \cdot 32$ $67 \cdot 32$ $67 \cdot 40$	67·15 66·90 66·99 66·99 66·99	69·24 69·40 69·24 68·40 67·49	67 · 74 67 · 74 67 · 74 67 · 82 67 · 82	69-32 69-74 69-65 69-65 69-57	68 · 24 67 · 65 67 · 24 67 · 07 67 · 24	70·49 71·40
26	70·49 70·40 70·40 70·24 70·07	70·90 70·90 70·74 70·90 71·24 71·99	69·74 69·57 69·40 69·32 69·24	67·90 67·90 67·90 67·90 67·82 67·82	67-65 67-49 67-49 67-49 67-32	67 · 40 67 · 40 67 · 40 67 · 40 67 · 40	67-49 67-90 67-99 67-74 67-90	68 · 07 68 · 07 67 · 90 67 · 74 67 · 74	67 · 82 67 · 57 67 · 49 67 · 40 67 · 40	69-15	67 · 49 67 · 65 67 · 57	

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1913–14.

TABLE No. 676 67 · 99 67 · 82 67 · 57 67 · 65 $\begin{array}{c} 67 \cdot 24 \\ 67 \cdot 07 \\ 67 \cdot 24 \\ 67 \cdot 74 \end{array}$ 71.82 71.82 71.49 71.40 72.07 $\begin{array}{c} 70 \cdot 74 \\ 70 \cdot 82 \\ 70 \cdot 90 \\ 70 \cdot 99 \\ 71 \cdot 15 \end{array}$ 68-57 70.07 69.74 69.65 68-65 67 · 90 67 · 82 67 · 90 67 · 40 67 · 32 67 · 32 $66 \cdot 99$ 67 · 65 67 · 82 67 · 74 $65 \cdot 82$ 68.49 66-99 65.90 65.82 66-99 68-40 69.65 66.99 67-24 72.07 71.65 71.49 $71 \cdot 24$ $71 \cdot 32$ $71 \cdot 07$ 60.65 68-49 67.74 67.07 67.40 $67 \cdot 82$ 68-24 67.32 65.90 67 · 74 67 · 65 67 · 65 67 · 24 67 · 24 67 · 24 67 · 07 67 · 07 67 · 32 68 · 24 67 · 49 67 · 57 67 · 57 $67 \cdot 24$ 67.90 68 - 57 69.40 68.40 68.40 67.99 69 - 40 66-99 68-49 65.49 67 - 65 67.40 68 - 57 70.99 70.99 69.49 68-40 66-90 67.99 65-49 10. 67 · 15 67 · 07 67 · 07 67 · 24 68-32 66.82 67.40 67.90 68-24 70·74 70·90 70.82 70.82 70.82 69.32 $67 \cdot 57$ $67 \cdot 57$ $67 \cdot 57$ 66.99 67 · 49 67 · 74 67 · 74 67.90 67.90 67 · 90 67 · 99 66 · 82 66 · 49 65.90 65.99 69 · 24 69 · 24 $68 \cdot 15$ 66.99 70.90 70.90 68 - 32 66 - 90 68-99 68-24 66.65 65.99 15. 68 · 24 68 · 57 68 · 74 68 · 57 68 · 57 68-99 68-15 67.24 66.74 67.74 67.32 70.82 67 · 24 67 · 15 67 · 07 66.74 69·15 69·07 68-15 66-82 66.07 68 - 93 66.82 66.40 67.07 68-15 67.32 66-82 67 - 90 66 - 49 70.15 68-90 67 · 32 67 · 40 67 · 15 $70 \cdot 74$ $70 \cdot 57$ $70 \cdot 57$ 68-82 68-15 66.90 67.90 68-40 66-65 $67 \cdot 15 \\ 67 \cdot 32 \\ 67 \cdot 49$ 69.74 68-90 68-15 66 · 99 67 · 40 67 · 07 66-99 67·90 68·74 68 · 24 68 · 24 68 · 74 66.82 69-82 69-82 68 - 82 68 - 15 66.82 66-49 26 27 28 69 - 57 69-99 68-74 68-15 $67 \cdot 40$ $67 \cdot 24$ 68 - 07 66.65 66-49 67 · 40 67 · 40 67 · 40 67 · 49 67 · 49 69-49 68-74 67 · 90 67 · 65 67 · 65 66 · 24 65 · 74 67 · 32 67 · 99 67.99 69 · 99 70 · 24 68-65 68-57 69-49 69.49

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Upper Lachine Lock No. 5, for 1914-15.

June. Day. April. May. July. Aug. Sept. Oct. Nov. Dec. Jan. March. $66 \cdot 90$ $67 \cdot 24$ $67 \cdot 24$ $67 \cdot 07$ 68-24 69-15 68-40 67.90 67.07 66.74 66 - 24 $66 \cdot 32$ 65.99 66 - 57 68·32 68·74 68·82 67 · 82 67 · 90 67 · 90 67·07 66·99 66 - 74 66 - 90 66 · 24 66 · 24 66 · 32 66 · 24 66 · 74 65-99 66·74 66·90 $69 \cdot 24$ $68 \cdot 32$ 66.40 66-15 66.07 69-24 68 · 24 68 · 07 66-82 66 - 90 66-40 66-99 66-32 68-07 68-65 60.32 69.07 66-90 66 - 90 65.99 66-32 65-90 68-49 68-07 67-90 66.90 66-99 66.74 69 - 15 67 - 90 67 - 74 65-57 66-40 65.40 68-24 69.24 68-07 66-90 66-90 66.07 $66 \cdot 32$ 66-07 66.07 66-15 66-49 68-07 66-99 66.89 67 - 15 66-07 65-40 10.... 68 - 15 69.40 68 - 15 67 - 65 66.82 66 - 65 66.07 66-90 68-49 68-15 67 - 57 66-57 66.40 66.07 65.90 68 · 49 68 · 40 69·15 69·15 69·15 68-07 68-07 67 · 57 67 · 57 67 · 49 66 · 82 66 · 65 66 · 57 66 · 40 66 · 24 66 · 15 65 - 99 65-99 66.00 66.40 66-49 66.15 67.49 67 - 90 67-90 66.57 65.00 86.32 66 - 15 16..... 67.82 69.24 67.49 66-90 66-49 67 · 90 68 · 15 67 · 90 67 · 82 67 · 74 67.57 67.57 67.57 66.07 66 · 65 66 · 40 66 · 32 66 · 82 66 · 74 66-65 65.65 65.65 66.07 65.99 65.99 69.15 66.82 66·07 69.15 66.82 66-40 66 - 90 86.40 68-49 66.82 68.57 67 - 90 66.49 66-24 $67 \cdot 49$ 68-99 67 - 49 66-82 66.07 67.57 $67 \cdot 82$ $67 \cdot 82$ $67 \cdot 90$ $66 \cdot 24$ $66 \cdot 57$ 66-32 65.74 68.00 68.90 67-40 66-82 66 - 40 $66 \cdot 24$ $66 \cdot 15$ $66 \cdot 15$ 67 · 82 67 · 15 65-99 66-07 66-24 65.57 69 · 15 69 · 07 68.82 67 · 49 67 · 40 66 · 82 66 · 82 66 - 40 66-49 66 · 24 66 · 74 66 · 74 65 · 65 65 · 74 67.32 66-65 65 - 57 68 - 65 68 - 57 $67 \cdot 90$ 67.32 66 - 82 66-49 $66 \cdot 15$ 66 - 49 65.99 66 - 57 67.07 67.32 67.24 66.99 26.... 67 - 90 67-49 66.32 66-40 66-90 67 · 82 67 · 65 67 · 65 66-57 66-40 $66 \cdot 24$ 65-99 66 · 49 66 · 82 66.99 67.15 66.99 66 - 40 67 · 24 66 · 99 66-49 68-99 68.49 66 · 49 66 · 40 66.32 66.07 66.24 66.07 69.06 66 - 40 68.49 69-15 68 - 49 67 - 82 66-99 66.32 66 - 90 68-40 $66 \cdot 15$ 66-49 66.00 66.74

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1870.

TABLE No. 678.

1			31-0 31-0 30-31-3 33-0	38·1 37·6 37·9 36·8 37·6 35·7
6 7 8 9			35-5 35-5 37-5 39-8 41-0	39·0 35·8 39·3 36·1 39·1 36·1
11			42-1 41-8 41-5 40-9 41-1	38.0 34.8 37.6 34.4 36.8 33.6
16			41.3 41.5 41.6 41.2 40.8	37·4 35·3 37·6 35·0 37·6 35·1
21 22 23 24 25		=	41·3 40·4 40·2 41·0 39·8	37·0 35·6 37·4 35·5 37·6 35·0
26			39-8 40-0 39-6 39-3 39-6 38-9	36·9 35·0 37·4 35·1 35·0 35·0

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1870–71.

Table No. 679.

							-		***			
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	35·6 36·3 36·4 36·8 38·3	$ \begin{array}{r} 32 \cdot 4 \\ 32 \cdot 1 \\ 32 \cdot 1 \\ 32 \cdot 3 \\ 32 \cdot 0 \end{array} $	27·1 27·1 26·9 26·8 26·8	25·3 25·2 25·1 25·1 25·0	24·7 24·8 24·8 24·8 24·7	$23 \cdot 9$ $24 \cdot 0$ $24 \cdot 1$ $24 \cdot 2$ $24 \cdot 1$	23·2 23·2 23·3 23·3 23·3	23 · 8 23 · 8 23 · 8 23 · 8 23 · 8	23·8 23·6 23·6 23·7 23·7	32·3 33·4 34·6 36·3 38·1	36·7 36·5 35·8 35·3 34·0	34·3 34·3 34·4 34·0 34·2
6	37 · 6 37 · 8 38 · 0 42 · 4 42 · 1	31·8 31·6 31·6 31·5 31·3	26·6 26·6 26·7 26·7 26·6	25·0 24·9 24·9 24·8 24·8	$24 \cdot 7$ $24 \cdot 6$ $24 \cdot 7$ $24 \cdot 6$ $24 \cdot 6$	24·0 23·9 23·8 23·7 23·8	$23 \cdot 4$ $23 \cdot 3$ $23 \cdot 2$ $23 \cdot 1$ $23 \cdot 1$	23·8 23·9 24·4 24·3 24·4	23 · 8 23 · 8 23 · 8 23 · 8 23 · 4	37 · 3 37 · 6 38 · 7 38 · 9 39 · 1	34 · 6 34 · 6 35 · 1 35 · 0 35 · 6	34·4 34·6 34·6 34·8 35·4
11	42·1 40·8 39·3 38·3 38·0	31·0 30·8 30·6 30·5 30·3	26·4 26·3 26·3 26·3 26·3	$24 \cdot 8$ $24 \cdot 9$ $24 \cdot 9$ $25 \cdot 0$ $25 \cdot 2$	$24 \cdot 6$ $24 \cdot 6$ $24 \cdot 5$ $24 \cdot 5$ $24 \cdot 4$	23·8 23·8 23·8 23·7 23·7	23·1 23·2 23·2 23·2 23·1	$24 \cdot 4$ $24 \cdot 5$ $24 \cdot 5$ $24 \cdot 4$ $24 \cdot 3$	23·3 23·3 23·4 23·6 23·8	38 · 8 39 · 6 39 · 8 40 · 3 39 · 3	34·9 34·8 34·8 34·4	35·8 36·0 37·0 37·6 37·6
16	36·8 36·1 36·6 33·1 32·3	30·4 29·6 30·3 29·1 28·8	26·3 26·3 26·3 26·2 26·0	$\begin{array}{c} 25 \cdot 1 \\ 25 \cdot 2 \\ 25 \cdot 2 \\ 25 \cdot 0 \\ 25 \cdot 0 \end{array}$	24·3 24·3 24·4 24·3 24·4	23·6 23·6 23·5 23·4	23·1 23·0 22·8 22·9 23·0	$24 \cdot 3$ $24 \cdot 3$ $24 \cdot 3$ $24 \cdot 2$ $24 \cdot 1$	23 · 6 23 · 3 23 · 4 23 · 6 23 · 8	38 · 8 38 · 1 37 · 5 37 · 0 36 · 3	34·9 34·8 35·0 34·3 33·8	37·3 37·3 37·2 37·2 36·8
21 22 23 24 25	$32 \cdot 3$ $32 \cdot 2$ $32 \cdot 2$ $32 \cdot 1$ $32 \cdot 3$	28 · 8 28 · 6 29 · 4 28 · 3 28 · 1	25·8 25·7 25·4 25·5 25·7	24·8 24·8 24·8 24·8 24·7	$24 \cdot 3$ $24 \cdot 1$ $24 \cdot 2$ $24 \cdot 1$ $24 \cdot 0$	23 · 4 23 · 3 23 · 4 23 · 4 23 · 4	$23 \cdot 1$ $23 \cdot 1$ $23 \cdot 2$ $23 \cdot 1$ $23 \cdot 3$	24·1 24·2 24·0 24·0 23·9	$23 \cdot 8$ $23 \cdot 9$ $23 \cdot 9$ $24 \cdot 1$ $24 \cdot 2$	37·5 36·7 36·5 35·1 35·6	33·7 33·6 33·8 34·5 34·4	36·8 36·6 36·6 36·3 36·1
26	32·0 32·1 31·8 32·0 32·3	28·0 27·8 27·6 27·4 27·3 27·2	25·7 25·6 25·6 25·5 25·4	$24 \cdot 7$ $24 \cdot 7$ $24 \cdot 8$ $24 \cdot 8$ $24 \cdot 7$ $24 \cdot 7$	$24 \cdot 1$ $24 \cdot 0$ $23 \cdot 8$ $23 \cdot 9$ $23 \cdot 9$	23·3 23·3 23·3 23·3 23·2	23·5 23·6 23·8 23·9 23·9 23·8	23·9 24·0 24·1 23·9 23·8	24·3 25·3 25·9 27·1 28·8 28·8		34·6 34·6 34·6	35·8 35·6 35·3 35·1 35·0 35·0

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1871-72.

										TAF	LE No	. 680.
1	35·6 37·6 34·8 32·8 32·0	28 · 6 28 · 8 28 · 9 29 · 1 29 · 3	27·8 27·4 27·4 27·3 27·3	25·1 25·0 25·0 24·9 24·8	24·1 24·1 24·0 23·9 24·0	23·3 23·3 23·3 23·3 23·1	22·5 22·4 22·4 22·3 22·3	22·3 22·4 22·3 22·2 22·1	21·8 21·8 22·4 24·3 25·0	34·2 33·3 32·9 32·6 33·4	31·4 31·3 31·4 31·6 32·0	30·6 30·8 31·6 31·9 31·3
6	$30 \cdot 9$ $29 \cdot 8$ $29 \cdot 0$ $28 \cdot 1$ $27 \cdot 8$	$29 \cdot 6$ $29 \cdot 9$ $29 \cdot 9$ $30 \cdot 1$ $30 \cdot 1$	27·3 26·9 26·7 26·8 26·6	24 · 8 24 · 8 24 · 8 24 · 8 24 · 8	23·9 23·8 23·7 23·8 23·8	$22 \cdot 9$ $23 \cdot 0$ $22 \cdot 8$ $22 \cdot 6$ $22 \cdot 6$	$22 \cdot 3$ $22 \cdot 3$ $22 \cdot 1$ $21 \cdot 9$ $21 \cdot 9$	21·9 21·9 21·8 21·8 21·8	28·1 30·8 31·9 32·3 33·3	$33 \cdot 3$ $33 \cdot 0$ $32 \cdot 8$ $32 \cdot 3$ $32 \cdot 9$	31·8 31·3 31·1 30·9 30·8	$30.6 \\ 30.0 \\ 30.3 \\ 30.8 \\ 31.3$
11 12 13 14 15	28·1 28·3 28·3 27·8 27·4	$30 \cdot 0$ $30 \cdot 0$ $29 \cdot 8$ $29 \cdot 6$ $29 \cdot 4$	26 · 6 26 · 4 26 · 5 26 · 4 26 · 4	$24 \cdot 6$ $24 \cdot 5$ $24 \cdot 4$ $24 \cdot 3$ $24 \cdot 3$	23·7 23·6 23·6 23·3 23·3	$22 \cdot 6$ $22 \cdot 5$ $22 \cdot 5$ $22 \cdot 4$ $22 \cdot 3$	$22 \cdot 0$ $22 \cdot 0$ $22 \cdot 1$ $22 \cdot 0$ $21 \cdot 8$	$21 \cdot 7$ $21 \cdot 8$ $21 \cdot 8$ $21 \cdot 8$ $22 \cdot 1$	35·5 36·8 36·6 36·8 36·6	34·2 34·6 34·3 33·3 32·3	30·8 30·9 31·1 30·9 30·7	31·8 31·4 31·0 31·7 31·3
16	27·1 26·8 26·6 26·8 26·6	29·4 29·2 29·1 28·9 28·8	26·3 26·3 26·1 26·1 26·0	24·3 24·3 24·3 24·3 24·3	23·3 23·3 23·3 23·3 23·3	22·3 22·3 22·3 22·3 22·3	$21 \cdot 9$ $22 \cdot 1$ $22 \cdot 1$ $22 \cdot 3$ $22 \cdot 3$	$22 \cdot 3$ $22 \cdot 3$ $22 \cdot 2$ $22 \cdot 0$ $22 \cdot 0$	36·6 36·8 37·0 36·8 36·6	32·3 31·3 31·9 32·9 33·0	30 · 6 30 · 6 30 · 4 30 · 4 30 · 6	$30 \cdot 9$ $31 \cdot 4$ $32 \cdot 1$ $31 \cdot 6$ $31 \cdot 2$
21 22 23 24 25	26 · 9 27 · 3 27 · 4 27 · 6 27 · 6	$28 \cdot 6$ $28 \cdot 4$ $28 \cdot 3$ $28 \cdot 2$ $28 \cdot 2$	$26 \cdot 2$ $26 \cdot 0$ $25 \cdot 9$ $25 \cdot 8$ $25 \cdot 6$	24·3 24·3 24·3 24·3 24·3	$23 \cdot 2$ $23 \cdot 0$ $22 \cdot 8$ $22 \cdot 9$ $23 \cdot 0$	$\begin{array}{c} 22 \cdot 3 \\ 22 \cdot 2 \\ 22 \cdot 0 \\ 22 \cdot 0 \\ 22 \cdot 2 \end{array}$	$22 \cdot 1$ $22 \cdot 0$ $22 \cdot 0$ $21 \cdot 0$	$22 \cdot 0$ $22 \cdot 1$ $22 \cdot 1$ $22 \cdot 0$ $22 \cdot 0$	36·6 36·4 36·3 36·6 36·3	33·2 33·1 33·8 32·8 32·6	30·8 30·9 30·9 30·8 30·8	$30 \cdot 9$ $31 \cdot 3$ $31 \cdot 6$ $32 \cdot 1$ $31 \cdot 4$
26	$\begin{array}{c} 27 \cdot 8 \\ 27 \cdot 8 \\ 28 \cdot 0 \\ 28 \cdot 2 \\ 28 \cdot 3 \end{array}$	28·1 28·1 27·9 27·7 27·6 27·8	25·5 25·4 25·2 25·2 25·2	24·2 24·3 24·2 24·2 24·1	23·0 23·1 22·7 22·9	22·3 22·3 22·4 22·4 22·5	21·9 22·2 22·2 22·3 22·3	21·8 21·8 21·8 21·8 21·8	35·5 35·0 34·0 34·3 34·3	32·3 32·1 32·1 32·0 31·8	30·6 30·3 29·9 30·4	32·3 32·3 32·3 32·3 31·5

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1872-73.

TABLE No. 681.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	$\begin{array}{c} 32 \cdot 3 \\ 32 \cdot 1 \\ 31 \cdot 8 \\ 32 \cdot 1 \\ 31 \cdot 9 \end{array}$	26 · 4 25 · 6 25 · 6 25 · 6 25 · 7	26·7 26·7 26·6 26·6 26·5	24·0 23·9 23·9 23·8 23·8	22·7 22·6 22·7 22·7 22·6	22·2 22·3 22·3 22·3 22·1	22 · 6 22 · 5 22 · 4 22 · 4 22 · 3	23·3 23·3 23·4 23·3 23·3	21 · 8 21 · 8 22 · 0 22 · 0 21 · 9	31·3 30·8 31·6 32·8 32·8	30·4 30·1 29·8 30·3 30·8	31·1 31·3 31·3 30·4 30·3
6. 7. 8. 9. 10	32·1 32·2 32·3 32·7 33·5	25·7 25·9 26·3 26·6 26·8	26 · 6 26 · 8 26 · 8 26 · 6 26 · 6	23·7 23·7 23·6 23·6 23·5	$22 \cdot 6$ $22 \cdot 6$ $22 \cdot 5$ $22 \cdot 5$ $22 \cdot 4$	$22 \cdot 1$ $22 \cdot 3$ $22 \cdot 3$ $22 \cdot 4$ $22 \cdot 3$	$22 \cdot 2$ $22 \cdot 6$ $23 \cdot 1$ $23 \cdot 5$ $23 \cdot 5$	$23 \cdot 4$ $23 \cdot 1$ $23 \cdot 1$ $22 \cdot 8$ $22 \cdot 8$	$21 \cdot 9$ $21 \cdot 8$ $21 \cdot 8$ $21 \cdot 8$ $21 \cdot 8$	$33 \cdot 0$ $31 \cdot 9$ $31 \cdot 1$ $31 \cdot 7$ $31 \cdot 6$	30·8 31·0 31·3 30·8 30·8	30·3 30·4 30·1 30·8 30·5
11 12 13 14 15	34·0 34·3 34·6 34·8 34·8	27·0 26·8 27·1 27·3 27·4	26·5 26·3 26·1 26·0	23·5 23·3 23·3 23·1 23·0	22·4 22·4 22·3 22·3 22·3	$\begin{array}{c} 22 \cdot 2 \\ 22 \cdot 1 \\ 22 \cdot 1 \\ 22 \cdot 2 \\ 22 \cdot 2 \end{array}$	23·3 23·3 23·4 23·5	22·9 22·9 23·1 22·9 22·8	$\begin{array}{c} 21 \cdot 8 \\ 21 \cdot 8 \\ 22 \cdot 0 \\ 22 \cdot 3 \\ 22 \cdot 3 \end{array}$	31.3 $ 31.5 $ $ 31.5 $ $ 31.5 $ $ 31.6$	29 · 8 29 · 8 29 · 7 29 · 8 30 · 5	30 · 6 30 · 7 30 · 8 30 · 9 30 · 9
16 17 18 19 20	34·7 34·3 34·1 34·4 35·4	27·4 27·3 27·3 27·2 27·2	25 · 8 25 · 8 25 · 6 25 · 6 25 · 5	$23 \cdot 0$ $23 \cdot 1$ $23 \cdot 1$ $23 \cdot 1$ $23 \cdot 2$	22·3 22·3 22·3 22·3 22·4	22·3 22·3 22·4 22·7 22·7	23·5 23·5 23·6 23·8 23·6	22 · 8 23 · 0 23 · 0 22 · 9 22 · 8	$23 \cdot 1$ $23 \cdot 4$ $23 \cdot 6$ $24 \cdot 8$ $25 \cdot 1$	$31 \cdot 3$ $32 \cdot 6$ $32 \cdot 4$ $32 \cdot 1$ $31 \cdot 6$	29·7 30·1 30·5 30·9 30·4	30 · 8 30 · 8 30 · 8 30 · 9 31 · 1
21	34·8 35·3 35·9 36·1 35·6	27·3 27·3 27·3 27·2 27·2	25·5 25·3 25·2 25·0 24·8	23·2 23·3 23·3 23·3 23·2	$22 \cdot 5$ $22 \cdot 4$ $21 \cdot 6$ $22 \cdot 5$ $22 \cdot 5$	$22 \cdot 8$ $22 \cdot 8$ $22 \cdot 8$ $22 \cdot 9$ $22 \cdot 9$	23·5 23·3 23·3 23·2 23·2	22 · 8 22 · 3 22 · 3 22 · 3 22 · 2	$25 \cdot 3$ $26 \cdot 1$ $28 \cdot 3$ $30 \cdot 1$ $32 \cdot 8$	31 · 8 31 · 8 31 · 3 31 · 0 30 · 8	30·1 29·8 29·8 29·8 30·3	31·1 31·2 31·0 30·8 30·8
26 27 28 29 30 31	35·1 32·8 31·0 28·3 26·8	$27 \cdot 1$ $27 \cdot 0$ $26 \cdot 9$ $26 \cdot 8$ $26 \cdot 8$ $26 \cdot 7$	24·6 24·5 24·2 24·1 23·9	$23 \cdot 2$ $23 \cdot 1$ $23 \cdot 0$ $22 \cdot 9$ $22 \cdot 9$ $22 \cdot 8$	$\begin{array}{c} 22 \cdot 3 \\ 22 \cdot 3 \\ 22 \cdot 3 \\ 22 \cdot 2 \\ 22 \cdot 1 \\ 22 \cdot 1 \end{array}$	22·8 22·8 22·8 22·7 22·5	$23 \cdot 1$ $22 \cdot 9$ $22 \cdot 9$ $22 \cdot 8$ $23 \cdot 0$ $23 \cdot 2$	22·2 22·2 22·1 21·9 21·9	32·8 32·8 31·7 31·8 31·8 31·8	30 · 2 30 · 8 30 · 8 30 · 8 30 · 3 30 · 8	30·7 30·8 31·3	30·7 30·7 30·8 31·4 31·4 31·8

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1873-74. TABLE No. 682

										TAE	BLE No.	682.
1	32·3 32·6 33·1 33·6 34·1	30 · 2 29 · 5 29 · 1 28 · 9 28 · 6	30·7 30·5 30·3 30·0 29·8	25·9 25·9 26·1 26·0 26·0	24·4 24·4 24·4 24·3 24·3	23·1 23·0 23·0 22·9 22·9	22·8 22·8 22·9 22·8 22·8	24·6 24·4 24·4 24·3 24·5	25 · 8 28 · 1 28 · 6 28 · 6 29 · 4	40·3 40·3 39·6 39·1 37·8	37·8 37·6 37·1 37·1 36·8	35·8 36·3 36·3 36·4 36·2
6	34·3 34·3 34·6 34·8 35·3	28·4 28·3 28·3 28·3 28·6	29·7 29·5 28·6 28·3 28·0	25·8 25·8 25·7 25·7 25·6	$24 \cdot 2$ $24 \cdot 2$ $24 \cdot 1$ $24 \cdot 1$ $24 \cdot 1$	$\begin{array}{c} 23 \cdot 1 \\ 23 \cdot 0 \\ 23 \cdot 0 \\ 22 \cdot 9 \\ 22 \cdot 9 \end{array}$	$22 \cdot 9$ $22 \cdot 9$ $23 \cdot 3$ $23 \cdot 4$ $23 \cdot 6$	$\begin{array}{c} 24 \cdot 5 \\ 24 \cdot 4 \\ 24 \cdot 3 \\ 24 \cdot 2 \\ 24 \cdot 2 \end{array}$	$29 \cdot 8$ $30 \cdot 1$ $30 \cdot 3$ $30 \cdot 3$ $29 \cdot 6$	38·4 39·1 39·6 39·3 39·8	35·8 35·6 35·6 35·9 36·8	35·9 36·8 37·0 37·2 36·6
11	36 · 4 37 · 9 38 · 3 38 · 8 39 · 2	28 · 8 29 · 1 29 · 3 29 · 7 29 · 9	27·7 27·6 27·6 28·4 28·2	$25 \cdot 6$ $25 \cdot 5$ $25 \cdot 4$ $25 \cdot 3$ $25 \cdot 3$	$24 \cdot 0$ $24 \cdot 0$ $23 \cdot 9$ $23 \cdot 8$ $23 \cdot 8$	22·9 22·8 22·8 22·8 22·8	23 · 8 23 · 8 23 · 8 23 · 6 23 · 4	$24 \cdot 0$ $24 \cdot 0$ $24 \cdot 3$ $23 \cdot 8$ $23 \cdot 9$	$29 \cdot 3$ $29 \cdot 2$ $29 \cdot 2$ $29 \cdot 0$ $28 \cdot 7$	$ \begin{array}{r} 39 \cdot 4 \\ 38 \cdot 7 \\ 39 \cdot 1 \\ 39 \cdot 3 \\ 40 \cdot 1 \end{array} $	$36 \cdot 8$ $36 \cdot 6$ $36 \cdot 6$ $37 \cdot 4$ $37 \cdot 6$	$36 \cdot 3$ $36 \cdot 1$ $34 \cdot 8$ $34 \cdot 3$ $34 \cdot 6$
16	39·3 44·1 43·9 40·9 39·4	30 · 4 30 · 5 30 · 7 30 · 7 30 · 6	28 · 2 27 · 7 27 · 5 27 · 4 27 · 4	$25 \cdot 2$ $25 \cdot 2$ $25 \cdot 2$ $25 \cdot 1$ $25 \cdot 1$	$23 \cdot 6$ $23 \cdot 4$ $23 \cdot 4$ $23 \cdot 4$ $23 \cdot 4$	$22 \cdot 6$ $22 \cdot 6$ $22 \cdot 6$ $22 \cdot 6$ $22 \cdot 7$	23 · 4 23 · 3 23 · 2 23 · 4 23 · 9	$23 \cdot 6$ $23 \cdot 6$ $23 \cdot 5$ $23 \cdot 5$ $23 \cdot 4$	29·2 30·3 30·3 29·8 30·3	40·1 39·1 39·4 40·0 39·8	37 · 8 37 · 6 37 · 4 37 · 1 36 · 6	$34 \cdot 8$ $35 \cdot 4$ $35 \cdot 6$ $35 \cdot 8$ $36 \cdot 1$
21	$38 \cdot 3$ $37 \cdot 5$ $36 \cdot 1$ $33 \cdot 1$ $32 \cdot 3$	30 · 6 30 · 4 30 · 3 30 · 3 30 · 4	27 · 2 27 · 2 26 · 8 26 · 6 26 · 6	25·0 24·8 24·8 24·8 24·7	23 · 3 23 · 3 23 · 3 23 · 3 23 · 3	$22 \cdot 7$ $22 \cdot 6$ $22 \cdot 6$ $22 \cdot 7$ $22 \cdot 6$	24·3 24·5 24·6 24·7 24·7	$23 \cdot 4$ $23 \cdot 4$ $23 \cdot 6$ $23 \cdot 9$ $24 \cdot 2$.29 · 6 .32 · 4 .33 · 3 .33 · 4 .33 · 3	39·1 38·5 39·8 39·6 39·1	36·6 36·4 36·3 36·0 35·3	36·6 37·1 36·8 36·3 36·3
26	32·3 32·5 32·4 32·0 31·0	30·7 30·7 30·8 30·8 30·8 30·7	26·3 26·2 26·2 26·1 26·1	24·7 24·5 24·5 24·5 24·4 24·4	23·3 23·3 23·3 23·0 23·0	22·8 22·8 22·8 22·8 22·8 22·8	24 · 6 24 · 6 24 · 6 24 · 6 24 · 7 24 · 6	24 · 2 24 · 3 24 · 4 24 · 6 25 · 1	33·4 34·8 37·3 38·2 38·3 40·2	38·6 38·4 38·3 38·0 37·9		36·8 36·6 36·3 36·0 35·8

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1874-75,

TABLE No. 683.

					-	1	1	1				
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1; 2 3 4 5	35·1 35·0 35·7 35·0 34·8	27·0 27·0 26·8 26·8 26·6	30·0 29·6 29·4 29·3 29·3	27-6 27-8 27-8 27-6 27-5	25·2 25·2 25·1 25·0 24·8	23·0 22·9 23·0 23·1 22·9	22·6 22·6 22·7 22·7 22·6	$22 \cdot 2$ $22 \cdot 1$ $22 \cdot 1$ $22 \cdot 0$ $22 \cdot 0$	21·8 21·9 21·9 22·1 22·0	34·8 35·2 35·2 35·4 35·6	33·5 32·2 30·6 31·0 29·8	29·4 30·1 30·8 31·1 30·3
6	35·8 35·3 35·2 35·0 35·0	26·3 26·0 25·8 25·8 25·8	$\begin{array}{c} 29 \cdot 3 \\ 29 \cdot 2 \\ 29 \cdot 0 \\ 29 \cdot 0 \\ 29 \cdot 2 \end{array}$	$27 \cdot 3$ $27 \cdot 2$ $27 \cdot 1$ $27 \cdot 0$ $26 \cdot 8$	$24 \cdot 7$ $24 \cdot 6$ $24 \cdot 4$ $24 \cdot 3$ $24 \cdot 2$	$22 \cdot 8$ $22 \cdot 9$ $22 \cdot 8$ $22 \cdot 9$ $23 \cdot 0$	$22 \cdot 6$ $22 \cdot 6$ $22 \cdot 5$ $22 \cdot 4$ $22 \cdot 4$	$\begin{array}{c} 22 \cdot 1 \\ 22 \cdot 2 \\ 22 \cdot 1 \\ 22 \cdot 0 \\ 22 \cdot 2 \end{array}$	$22 \cdot 0$ $22 \cdot 1$ $22 \cdot 0$ $21 \cdot 8$ $21 \cdot 8$	35·3 34·2 33·8 33·6 33·6	29·6 29·6 29·4 29·1 28·8	30·8 30·8 30·8 31·1 31·1
11	34 · 8 34 · 3 34 · 4 34 · 4 34 · 8	25·8 26·4 26·3 26·6 26·8	29·1 29·0 28·7 28·6 28·6	$26 \cdot 7$ $26 \cdot 4$ $26 \cdot 3$ $26 \cdot 2$ $26 \cdot 0$	$\begin{array}{c} 24 \cdot 1 \\ 24 \cdot 0 \\ 24 \cdot 0 \\ 24 \cdot 1 \\ 24 \cdot 1 \end{array}$	$23 \cdot 0$ $22 \cdot 9$ $22 \cdot 8$ $22 \cdot 8$ $22 \cdot 6$	$22 \cdot 5$ $22 \cdot 7$ $22 \cdot 7$ $22 \cdot 6$ $22 \cdot 6$	$\begin{array}{c} 22 \cdot 1 \\ 22 \cdot 1 \\ 22 \cdot 0 \\ 21 \cdot 9 \\ 21 \cdot 8 \end{array}$	21.8 21.8 22.0 22.0 22.0	33 · 8 34 · 3 33 · 4 33 · 6 33 · 1	28 · 6 28 · 8 28 · 8 29 · 0 29 · 2	31·3 31·5 31·3 31·4 31·3
16	35·3 35·7 35·6 35·8 35·6	$27 \cdot 0$ $27 \cdot 6$ $28 \cdot 0$ $28 \cdot 6$ $29 \cdot 0$	28·6 28·7 28·8 28·8 28·8	26·0 26·0 25·8 25·7 25·6	24 · 0 23 · 8 23 · 7 23 · 6 23 · 6	22 · 8 23 · 1 22 · 9 22 · 8 22 · 8	$22 \cdot 4$ $22 \cdot 4$ $22 \cdot 4$ $22 \cdot 5$ $22 \cdot 4$	21 · 8 21 · 8 21 · 8 21 · 8 21 · 8	22·3 26·8 28·8 29·7 34·2	33·0 32·3 32·8 33·1 33·6	29·1 28·8 29·6 29·8 30·4	31.6 31.6 31.3 30.4 30.8
21	37·3 35·3 31·0 31·4 30·6	29·6 29·8 29·9 30·1 30·1	28 · 8 28 · 8 28 · 7 28 · 7 28 · 6	25 · 6 25 · 5 25 · 3 25 · 2 25 · 0	23·7 23·6 23·4 23·6 23·4	22·8 22·7 22·6 22·6 22·6	$\begin{array}{c} 22 \cdot 3 \\ 22 \cdot 2 \\ 22 \cdot 1 \\ 22 \cdot 1 \\ 22 \cdot 1 \end{array}$	$21 \cdot 8$ $21 \cdot 9$ $22 \cdot 0$ $22 \cdot 2$	30·7 32·8 35·4 34·3 33·2	$33 \cdot 3$ $33 \cdot 4$ $33 \cdot 1$ $32 \cdot 8$ $32 \cdot 8$	30·1 29·8 30·6 30·8 30·8	31·0 31·8 32·1 31·8 32·1
26	30-3 29-1 28-6 28-4 27-6	29·9 29·9 29·8 29·8 29·6 29·5	28 · 6 28 · 4 28 · 1 27 · 9 27 · 6	$25 \cdot 0$ $25 \cdot 0$ $24 \cdot 9$ $25 \cdot 1$ $25 \cdot 1$ $25 \cdot 2$	23·3 23·3 23·3 23·2 23·0 23·0	22·6 22·6 22·7 22·6 22·6	$\begin{array}{c} 22 \cdot 0 \\ 22 \cdot 1 \\ 22 \cdot 2 \\ 22 \cdot 2 \\ 22 \cdot 1 \\ 22 \cdot 1 \end{array}$	22·2 22·0 21·8 21·9 21·8	33·2 33·3 34·2 33·8 35·2 34·7	32·0 31·3 31·5 31·8 31·8 32·8	30-4 29-8 29-8	32·1 32·3 32·3 32·3 32·2 32·3

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1875-76.

Table No. 684.

 $23 \cdot 3$ $23 \cdot 2$ $23 \cdot 1$ $23 \cdot 2$ 22·8 22·8 22·8 22·8 $\begin{array}{c} 22 \cdot 4 \\ 22 \cdot 6 \\ 22 \cdot 5 \\ 22 \cdot 6 \end{array}$ $28 \cdot 4 \\ 27 \cdot 3 \\ 26 \cdot 6$ $28 \cdot 5 \\ 28 \cdot 1 \\ 27 \cdot 8$ $24 \cdot 4 \\ 24 \cdot 3$ $32 \cdot 3 \\ 32 \cdot 7 \\ 33 \cdot 4$ $23 \cdot 1 \\ 23 \cdot 2 \\ 23 \cdot 0$ $24 \cdot 8 \\ 27 \cdot 3 \\ 29 \cdot 1$ $35 \cdot 6 \\ 35 \cdot 3 \\ 35 \cdot 1$ 32.8 $33 \cdot 0 \\ 33 \cdot 0 \\ 32 \cdot 8$ 32-6 32-1 27·7 27·5 $26 \cdot 1$ 22.8 23.9 26.2 34.0 33.2 34.3 $26 \cdot 1 \\ 25 \cdot 9 \\ 25 \cdot 8$ 22·8 22·8 $\frac{22 \cdot 7}{22 \cdot 2}$ $22.5 \\ 22.4$ 31-1 6 $24 \cdot 3$ 33-4 33·8 34·7 35·2 34.3 34.1 32.8 $34 \cdot 0$ 26·9 26·7 26·6 $24 \cdot 1$ 22.4 33.9 33.2 26-1 22·4 22·3 22·3 22·3 34.1 $33 \cdot 1$ 33.8 26-6 34 - 4 34.8 $33 \cdot 9 \\ 34 \cdot 1 \\ 34 \cdot 3$ 26.4 23.8 34-7 11 $23 \cdot 0$ 22.5 22.3 34.3 33.6 32.4 $^{26 \cdot 1}_{25 \cdot 9}_{25 \cdot 7}$ $22 \cdot 9 \\ 23 \cdot 0$ 22·3 22·2 22·3 $22 \cdot 4$ $22 \cdot 3$ $22 \cdot 2$ $34 \cdot 6 \\ 34 \cdot 9$ $33 \cdot 1 \\ 32 \cdot 0$ $32.8 \\ 32.8$ 34.8 34.9 $34 \cdot 3$ 36.0 $34 \cdot 3$ 38.4 33-4 22·4 22·6 22·8 22·8 22·8 22·7 16 34.3 29.8 25.3 23 - 6 $22 \cdot 1 \\ 22 \cdot 8 \\ 22 \cdot 8$ $22 \cdot 3$ $22 \cdot 1$ $22 \cdot 1$ 32.9 32.8 33 - 8 23 - 1 23.2 33 - 8 23·6 23·6 33.3 30.2 33.6 30.4 23·5 23·5 23.4 36-6 30.4 24.8 22 · 6 22 · 6 22 · 4 22 · 2 $\begin{array}{c} 22 \cdot 1 \\ 22 \cdot 2 \\ 22 \cdot 2 \\ 22 \cdot 1 \\ 22 \cdot 0 \end{array}$ 21 22 34.3 30.4 24·7 24·6 24·5 23·3 23·3 23·4 23·5 23·5 23·4 36.8 34.8 32-4 $34 \cdot 2 \\ 34 \cdot 3 \\ 34 \cdot 3$ 34·1 34·0 37·6 37·0 33·2 33·0 33·3 33·2 32·8 30.2 $\begin{array}{c} 22 \cdot 1 \\ 22 \cdot 2 \\ 22 \cdot 3 \\ 22 \cdot 2 \\ 22 \cdot 3 \end{array}$ 22 · 6 22 · 4 22 · 5 22 · 8 22 · 9 22·1 22·3 22·3 22·3 22·8 26 27 28 23.5 36 · 4 37 · 2 35 · 4 34 · 7 35 · 2 35 · 7 36·3 32·8 31·2 34·8 34·8 34·7 34·8 $33 \cdot 0 \\ 34 \cdot 1 \\ 32 \cdot 9$

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1876-77.

										LAD	LE No.	680.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	34·8 34·7 34·5 34·8 34·8	32·6 31·8 31·7 31·3 31·2	32·4 32·0 31·9 31·7 31·3	28·0 27·8 27·7 27·7 27·6	25·3 25·3 25·0 25·0 24·9	23 · 8 23 · 8 23 · 8 23 · 8 23 · 8	23·4 23·4 23·3 23·3 23·4	23·3 23·3 23·6 23·8 23·8	23·3 23·3 23·4 23·4 23·3	37·6 37·6 37·1 37·1 36·8	35·8 35·8 36·4 35·4 34·8	33·6 33·9
6	35·2 35·4 35·6 35·8 35·8	31 · 0 31 · 2 31 · 4 31 · 8 31 · 8	$31 \cdot 1$ $30 \cdot 9$ $30 \cdot 7$ $30 \cdot 6$ $30 \cdot 2$	27·6 27·6 27·6 27·5 27·5	24 · 8 24 · 8 24 · 7 24 · 5 24 · 5	23 · 9 23 · 8 23 · 8 23 · 9 23 · 8	23 · 4 23 · 5 23 · 7 23 · 8 23 · 6	23 · 8 23 · 8 23 · 8 23 · 8 23 · 9	23·3 23·4 23·8 24·3 24·9	36·9 37·2 37·7 37·9 37·2	35·0 34·9 34·5 34·0 34·3	33·9 33·8
11 12 13 14 15	35·9 35·8 36·1 36·2 37·0	$32 \cdot 7$ $33 \cdot 2$ $33 \cdot 6$ $34 \cdot 0$ $34 \cdot 3$	30·2 30·1 29·8 29·6 29·5	27 · 6 27 · 5 27 · 4 27 · 3 27 · 2	$24 \cdot 4$ $24 \cdot 4$ $24 \cdot 3$ $24 \cdot 2$ $24 \cdot 2$	23 · 8 23 · 8 23 · 6 23 · 4 23 · 4	23 · 7 23 · 6 23 · 5 23 · 5 23 · 4	23 · 9 23 · 8 23 · 8 23 · 9 23 · 9	25·4 26·9 27·3 28·6 29·0	37·2 36·8 36·6 36·1 34·9	34·8 34·8 34·5 33·0 33·6	
16	37·5 38·8 39·0 39·3 38·8	34·3 34·3 34·0 34·1 34·0	29·3 29·2 29·2 29·4 29·6	26·7 26·7 26·6 26·5 26·3	24·1 24·3 24·2 24·2 24·3	23·3 23·4 23·6 23·6 23·7	23 · 3 23 · 3 23 · 3 23 · 3 23 · 3	23 · 9 23 · 8 23 · 8 23 · 8 23 · 8	30·4 30·8 34·1 38·3 40·5	35 · 4 34 · 9 35 · 1 35 · 3 35 · 3	35·2 35·2 34·8 34·9 33·8	33·7 34·0 33·2 32·8 32·8
21 22 23 24 25	38·6 39·3 39·4 39·8 37·6	33 · 9 33 · 9 34 · 0 33 · 8 34 · 0	29·4 29·4 29·4 29·2 29·2	26·3 26·3 25·9 25·9 25·8	24·5 24·6 24·5 24·4 24·3	23·7 23·8 23·8 23·5 23·3	23·3 23·3 23·2 23·2 23·3	23.8 23.8 23.9 23.9 23.8	40·1 40·4 40·4 40·0 39·3	35·1 34·8 34·8 34·4 34·0	33·8 34·6 34·3 34·5 33·8	33 · 4 33 · 8 34 · 2 33 · 8 33 · 6
26 27 28 29 30 31	35·8 35·3 34·7 33·9 32·5	33·7 33·6 33·3 33·3 33·2 32·6	29·2 28·8 28·6 28·3	25 · 8 25 · 8 25 · 7 25 · 7 25 · 4 25 · 3	24 · 2 24 · 0 23 · 9 23 · 9 23 · 9 23 · 8	23·4 23·5 23·4 23·3 23·4	23·3 23·2 23·2 23·3 23·3 23·3	23 · 8 23 · 6 23 · 6 23 · 5 23 · 6	39·6 39·3 39·2 39·0 39·0 38·9		33·6 33·3 33·5	33·7 34·0 34·4 35·3 35·3 35·3

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1877-78.

						CC ADAY					BLE No	
1	35·4 35·7 35·8 35·9 36·1	26·8 26·8 26·8 26·6 26·3	24 · 8 24 · 7 24 · 7 24 · 8 24 · 6	23 · 8 23 · 8 23 · 9 23 · 9 23 · 8	$23 \cdot 5$ $23 \cdot 3$ $23 \cdot 2$ $23 \cdot 1$ $23 \cdot 0$	22·8 22·7 22·8 22·7 22·7	$22 \cdot 1$ $22 \cdot 1$ $22 \cdot 0$ $22 \cdot 2$ $22 \cdot 1$	22·0 22·2 22·3 22·3 22·3	23 · 4 23 · 4 23 · 3 23 · 3 23 · 3	22·7 22·7 22·8 23·1 23·8	39·1 37·8 38·1 38·3 38·8	34 · 1 34 · 0 34 · 8 34 · 8 34 · 1
6	36·0 35·9 36·2 36·0 36·1	$26 \cdot 3$ $26 \cdot 1$ $26 \cdot 0$ $26 \cdot 1$ $25 \cdot 8$	24 · 5 24 · 4 24 · 3 24 · 3 24 · 3	23 · 8 23 · 8 23 · 7 23 · 7 23 · 8	23·0 22·9 22·9 23·1 23·3	22 · 8 22 · 7 22 · 6 22 · 5 22 · 4	$22 \cdot 0$ $22 \cdot 0$ $21 \cdot 9$ $21 \cdot 9$ $22 \cdot 1$	22·3 22·5 22·4 22·5 22·3	23·3 23·5 23·5 23·4 23·4	25·3 26·2 28·1 30·8 31·3	38·7 38·2 37·8 37·5 37·0	34 · 8 34 · 8 34 · 8 35 · 2 35 · 3
11	36·4 36·7 36·9 34·8 33·3	25 · 8 25 · 7 25 · 3 25 · 3 25 · 1	$24 \cdot 1$ $24 \cdot 1$ $24 \cdot 1$ $24 \cdot 0$ $24 \cdot 1$	23 · 9 23 · 8 23 · 8 23 · 8 23 · 8	23·3 23·3 23·3 23·3 23·3	$22 \cdot 5$ $22 \cdot 5$ $22 \cdot 4$ $22 \cdot 5$ $22 \cdot 5$	22·3 22·4 22·4 22·5	22·5 22·5 22·4 22·3 22·3	23 · 5 23 · 4 23 · 4 23 · 4 23 · 3	31.6 32.5 32.2 32.0 31.8	36·3 35·8 36·3 36·1	34 · 5 34 · 3 34 · 3 34 · 4
16 17 18 19 20	31·5 30·8 29·7 27·3 26·8	$25 \cdot 0$ $25 \cdot 1$ $25 \cdot 3$ $25 \cdot 0$ $25 \cdot 1$	$24 \cdot 1$ $24 \cdot 1$ $24 \cdot 0$ $24 \cdot 1$ $24 \cdot 0$	23 · 8 23 · 8 23 · 7 23 · 6 23 · 7	23·3 23·3 23·2 23·0 22·9	$22 \cdot 3$ $22 \cdot 3$ $22 \cdot 3$ $22 \cdot 2$ $22 \cdot 2$	$22 \cdot 3$ $22 \cdot 2$ $22 \cdot 0$ $22 \cdot 0$ $22 \cdot 1$	22·3 22·3 22·4 22·8 22·6	23 · 3 33 · 3 23 · 3 23 · 2 23 · 3	31 · 8 33 · 8 34 · 5 36 · 6 36 · 4	35.9 35.6 35.4 34.8 34.8	34 · 4 34 · 3 34 · 8 35 · 3 32 · 8
21 22 23 24 25	26.8 26.7 26.8 26.7 26.6	$25 \cdot 2$ $25 \cdot 1$ $25 \cdot 0$ $25 \cdot 1$ $25 \cdot 2$	24·0 23·9 23·8 23·8 24·0	23 · 6 23 · 6 23 · 5 23 · 5 23 · 6	22·9 23·0 22·9 22·8 22·9	$22 \cdot 2$ $22 \cdot 3$ $22 \cdot 3$ $22 \cdot 0$ $22 \cdot 0$	$22 \cdot 0$ $21 \cdot 9$ $21 \cdot 9$ $21 \cdot 9$ $22 \cdot 0$	22·4 22·4 22·8 22·8	$23 \cdot 3$ $23 \cdot 2$ $23 \cdot 1$ $23 \cdot 0$ $22 \cdot 8$	35.6 36.0 35.3 36.0 38.9	35·3 35·3 35·3 35·4	30·4 29·3 28·8 28·3 28·0
26	26 · 8 26 · 8 26 · 8 26 · 8 26 · 8	$\begin{array}{c} 25 \cdot 2 \\ 25 \cdot 1 \\ 25 \cdot 2 \\ 25 \cdot 1 \\ 24 \cdot 9 \\ 24 \cdot 8 \end{array}$	23·9 24·1 24·0 23·8 23·8	23 · 6 23 · 6 23 · 7 23 · 6 23 · 5 23 · 6	23·0 23·0 23·0 22·8 22·8 22·8	22·1 22·1 22·0 22·1 22·1	22·2 21·9 21·8 21·9 21·9 22·0	22·8 23·0 23·2 23·4 23·4	22·8 22·8 22·8 22·8 22·8 22·8 22·7	39-6	35·3 35·1 35·3	27 · 8 27 · 6 27 · 2 26 · 8 26 · 6 25 · 9

6 GEORGE V, A. 1916 ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1878–79.

TABLE No. 687.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	25·6 25·3 25·3 25·0 24·8	25 · 9 26 · 0 26 · 1 25 · 8 25 · 9	25·3 25·2 25·2 25·3 25·3	24 · 1 24 · 1 24 · 3 24 · 3 24 · 3	23 · 8 23 · 8 23 · 8 23 · 9 23 · 9	23 · 6 23 · 7 23 · 7 23 · 8 23 · 8	23 · 6 23 · 5 23 · 6 23 · 6 23 · 6	25 · 6 25 · 8 25 · 8 25 · 8 25 · 8	25 · 4 25 · 8 25 · 8 25 · 6 25 · 6	26·3 26·1 26·2 26·3 26·0	38-8 38-4 37-9 37-5 38-0	34·0 34·3 34·8 35·2 35·3
6	24·8 24·8 24·7 24·7 24·4	26·1 26·3 26·5 26·5 26·8	25·2 25·1 24·9 24·9 24·8	24·3 24·2 24·2 24·1 23·9	23·8 23·9 23·8 23·8 23·9	23.8 23.7 23.8 23.7 23.4	23·5 23·4 23·3 23·3 23·5	$25 \cdot 4$ $25 \cdot 0$ $25 \cdot 0$ $25 \cdot 2$ $25 \cdot 3$	25·7 25·4 25·2 25·0 25·2	25·8 25·4 25·3 25·0 25·2	37.6 37.0 37.2 36.7 35.8	34·2 33·8 34·1 34·6 34·7
11 12 13 14 15	24 · 5 24 · 8 25 · 0 25 · 7 26 · 0	26·7 26·6 26·8 26·7 26·6	24 · 8 24 · 7 24 · 8 24 · 8 24 · 7	23·9 23·8 23·8 23·8 23·8	23 · 8 23 · 9 23 · 9 24 · 1 24 · 3	23·4 23·3 23·3 23·2 23·2	23·5 23·7 23·7 23·6 23·6	$25 \cdot 3$ $25 \cdot 3$ $24 \cdot 8$ $25 \cdot 1$ $24 \cdot 8$	26·0 26·8 26·8 26·5 26·0	25·3 25·2 25·1 25·5 25·4	35·8 36·3 36·2 35·8 35·9	34·6 34·8
16	25·9 25·8 25·6 25·8 25·7	26·3 26·3 26·3 26·1 25·8	24 · 6 24 · 6 24 · 5 24 · 5 24 · 4	23.9 23.8 23.8 23.8 23.8	$24 \cdot 2$ $24 \cdot 2$ $24 \cdot 2$ $24 \cdot 3$ $24 \cdot 2$	23·3 23·2 23·2 23·2 23·3	23·5 23·6 23·6 23·9 23·9	24 · 8 24 · 8 24 · 7 24 · 6 24 · 6	26·0 25·9 25·6 26·0 26·3	25 · 4 26 · 0 26 · 8 29 · 4 30 · 8	36·3 36·0 35·6 35·0 35·0	34·0 34·3
21	25 · 6 25 · 6 25 · 7 25 · 6 25 · 3	25·9 25·9 25·7 26·3 25·7	24 · 4 24 · 3 24 · 3 24 · 3 24 · 4	23·8 23·7 23·7 23·6 23·8	$24 \cdot 3$ $24 \cdot 2$ $24 \cdot 0$ $23 \cdot 9$ $23 \cdot 8$	23·3 23·3 23·4 23·3 23·2	23 · 8 24 · 2 24 · 2 24 · 2 24 · 4	24 · 5 24 · 8 25 · 0 25 · 3 25 · 3	26·4 26·6 27·4 26·3	31·3 32·9 33·3 33·3 34·3	35 · 1 34 · 9 35 · 1 35 · 4 35 · 2	33 · 8 34 · 1 34 · 0
26 27 28 29 30 31	25·4 25·4 25·3 25·5 25·9	25 · 6 25 · 6 25 · 5 25 · 4 25 · 4 25 · 3	24·4 24·3 24·2 24·3 24·2	23.6 23.7 23.7 23.8 23.8 23.8	23 · 8 23 · 7 23 · 7 23 · 7 23 · 6 23 · 6	23·2 23·3 23·5 23·4 23·6	24·4 24·8 24·9 25·1 25·3 25·6	25·5 25·3 25·6 25·4 25·2	$26 \cdot 4$ $26 \cdot 4$ $26 \cdot 6$ $26 \cdot 8$ $26 \cdot 8$ $27 \cdot 4$		34·6 34·6 33·8	34 - 1

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1879-80.

										LAI	DLE NO	. 058.
1	34·2 34·2 34·5 34·3 34·3	28·1 28·3 28·5 28·8 29·0	28·0 28·0 27·8 27·5 27·3	25·3 25·0 25·0 24·8 24·9	24 · 1 24 · 1 24 · 0 24 · 0 23 · 9	22·7 22·6 22·6 22·6 22·7	22·5 22·4 22·4 22·3 22·3	21·4 21·4 21·4 21·5 21·4	21·7 21·8 22·2 22·3 22·1	37·5 37·9 37·8 37·8 37·3	35·4 34·3 33·6 33·5 33·2	32·9 33·4 33·8 34·1 33·8
6	35 · 2 35 · 8 35 · 3 35 · 1 34 · 8	29·1 29·3 29·3 29·3 29·3	27 · 3 27 · 1 26 · 9 26 · 8 26 · 8	24 · 8 24 · 7 24 · 6 24 · 4 24 · 6	23 · 8 23 · 8 23 · 8 23 · 6 23 · 6	22·8 22·7 22·8 22·8 22·7	22·3 22·4 22·3 22·3 22·4	$\begin{array}{c} 21 \cdot 3 \\ 21 \cdot 1 \\ 21 \cdot 0 \\ 21 \cdot 0 \\ 21 \cdot 2 \end{array}$	$22 \cdot 2$ $22 \cdot 3$ $22 \cdot 5$ $22 \cdot 6$ $22 \cdot 7$	37·0 36·8 36·9 37·1 37·6	33 · 8 33 · 4 34 · 1 33 · 9 32 · 7	33 · 8 33 · 8 33 · 5 33 · 4 33 · 3
11 12 13 14 15	34·5 34·4 34·8 34·8 35·0	29·3 29·2 29·0 29·0 29·3	$26 \cdot 8$ $26 \cdot 6$ $26 \cdot 4$ $26 \cdot 3$ $26 \cdot 3$	24·5 24·3 24·3 24·3 24·2	$23 \cdot 4$ $23 \cdot 3$ $23 \cdot 2$ $23 \cdot 1$ $23 \cdot 0$	22.6 22.5 22.4 22.4 22.5	$22 \cdot 4$ $22 \cdot 5$ $22 \cdot 4$ $22 \cdot 3$ $22 \cdot 0$	21·2 21·3 21·3 21·3 21·3	22 · 8 23 · 1 23 · 3 23 · 5 23 · 4	$\begin{array}{c} 37 \cdot 1 \\ 35 \cdot 9 \\ 35 \cdot 8 \\ 35 \cdot 3 \\ 34 \cdot 8 \end{array}$	32·8 33·9 34·7 34·3 33·4	$33 \cdot 3$ $33 \cdot 3$ $32 \cdot 3$ $32 \cdot 3$ $32 \cdot 5$
16 17 18 19 20	35·5 35·8 38·0 39·8 38·0	29·6 29·8 30·6 31·1	$\begin{array}{c} 26 \cdot 3 \\ 26 \cdot 3 \\ 26 \cdot 2 \\ 26 \cdot 2 \\ 25 \cdot 9 \end{array}$	$\begin{array}{c} 24 \cdot 2 \\ 24 \cdot 3 \\ 24 \cdot 3 \\ 24 \cdot 2 \\ 24 \cdot 1 \end{array}$	22·8 22·8 22·8 22·8 22·8 22·8	$22 \cdot 4$ $22 \cdot 4$ $22 \cdot 5$ $22 \cdot 7$ $22 \cdot 7$	$\begin{array}{c} 21 \cdot 8 \\ 21 \cdot 9 \\ 21 \cdot 9 \\ 22 \cdot 0 \\ 22 \cdot 0 \end{array}$	21 · 8 22 · 6 22 · 6 21 · 9 22 · 0	23 · 5 23 · 5 23 · 6 23 · 6 24 · 6	35·7 36·3 35·8 35·1	33·6 33·3 33·7 33·6 32·4	$32 \cdot 8$ $32 \cdot 7$ $32 \cdot 7$ $32 \cdot 8$ $32 \cdot 8$
21 22 23 24 25	37·3 35·7 34·3 33·2 30·8	$ \begin{array}{r} 31 \cdot 2 \\ 31 \cdot 0 \\ 30 \cdot 8 \\ 30 \cdot 6 \\ 30 \cdot 2 \end{array} $	$25 \cdot 9$ $25 \cdot 8$ $25 \cdot 8$ $25 \cdot 5$ $25 \cdot 4$	$\begin{array}{c} 24 \cdot 1 \\ 24 \cdot 1 \\ 24 \cdot 2 \\ 24 \cdot 2 \\ 24 \cdot 3 \end{array}$	22.8 22.9 22.8 22.8 23.0	22·7 22·6 22·6 22·5 22·4	21·9 21·8 21·7 21·8 21·6	$\begin{array}{c} 22 \cdot 2 \\ 22 \cdot 3 \\ 22 \cdot 2 \\ 22 \cdot 0 \\ 22 \cdot 0 \end{array}$	25 · 8 27 · 6 29 · 8 31 · 1 32 · 3	34·5 33·9 34·2 35·6 34·4	32·3 32·9 33·9 33·1 32·3	$32 \cdot 6$ $32 \cdot 4$ $32 \cdot 3$ $31 \cdot 9$ $31 \cdot 3$
26 27 28 29 30 31	29·3 28·3 28·0 27·9 28·1	30·1 29·5 29·2 28·9 28·6 29·3	25·3 25·3 25·3 25·2 25·3	24·3 24·1 24·1 24·1 24·2 24·2	23·1 22·9 22·8 22·8 22·8 22·8	22·4 22·3 22·3 22·3 22·3 22·3	21·5 21·4 21·5 21·7 21·8 21·7	22·3 21·9 21·8 21·8 21·8	33·8 35·0 37·8 37·3 37·8 37·8		33·3 33·7 33·7 34·0	31·3 31·8 31·4 31·8 31·4 31·6

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1880-81.

TABLE No. 669.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	31·8 32·3 32·6 33·3 34·4	27·8 27·6 27·6 27·6 27·8	28·3 28·3 28·2 28·1 27·8	25·5 25·4 25·3 25·2 25·1	23·9 23·9 23·8 23·8 23·8	22·4 22·3 22·5 22·6 22·6	21·9 21·8 21·9 22·1 22·3	22·1 22·3 22·4 22·7 22·8	23 · 2 23 · 3 23 · 3 23 · 8 24 · 3	36·0 36·3 35·5 34·4 34·0	30·5 30·6 30·1 29·6 30·0	30·3 30·7 30·7 30·8 30·8
6	37·0 39·2 37·1 35·4 33·8	27 · 6 27 · 6 27 · 8 28 · 0 28 · 2	27 · 6 27 · 5 27 · 7 27 · 4 27 · 4	25·2 25·1 25·0 21·8 24·6	23 · 6 23 · 5 23 · 6 23 · 6 23 · 7	22·6 22·7 22·7 22·6 22·6	22·3 22·2 22·4 22·3 22·3	22·8 22·9 23·0 23·2 23·8	23·6 23·7 23·8 24·0 24·3	34·4 35·3 34·3 33·8 34·0	30·4 31·3 30·8 31·6 31·3	30·6 30·8 30·6 30·8 30·8
11 12, 13 14 15.	33 · 3 32 · 4 30 · 9 31 · 3 30 · 8	28·3 28·6 28·8 29·0 29·2	27·3 27·3 27·3 27·3 27·3	24·7 24·6 24·6 24·5 24·4	23 · 6 23 · 3 23 · 3 23 · 3 23 · 1	22·5 22·5 22·3 22·4 22·5	22·3 22·4 22·4 22·3 22·3	24·0 24·3 24·6 24·6 24·6	24 · 6 25 · 1 26 · 0 27 · 3 27 · 1	33.8 33.8 33.6 33.8 33.8	31·3 31·4 31·4 31·2 30·8	31·3 31·5 31·5 31·3 31·2
16	30·3 29·8 29·6 29·3 29·0	29·3 29·4 29·3 29·4 29·3	27 · 2 27 · 0 26 · 8 26 · 7 26 · 6	$24 \cdot 3$ $24 \cdot 3$ $24 \cdot 2$ $24 \cdot 1$ $24 \cdot 1$	22·8 22·8 22·8 22·9 22·9	22·5 22·5 22·4 22·5 22·4	22·1 22·3 22·3 22·2 22·4	24·7 24·7 24·6 24·7 24·4	27 · 2 27 · 1 27 · 3 27 · 6 28 · 0	33.0 32.1 31.8 31.8 31.0	31·1 30·8 30·8 30·8 30·3	31·3 31·6 31·8 31·9 32·4
21 22 23 24 25	29·3 29·3 29·3 29·3 29·3	29·3 29·4 29·3 29·2 29·3	26 · 6 26 · 6 26 · 5 26 · 3 26 · 4	$\begin{array}{c} 24 \cdot 2 \\ 24 \cdot 1 \\ 24 \cdot 3 \\ 24 \cdot 2 \\ 24 \cdot 1 \end{array}$	23 · 1 23 · 1 23 · 0 23 · 0 22 · 8	22·3 22·4 22·3 22·3 22·3	22·4 22·6 22·8 22·8 22·7	24·3 24·0 23·9 23·8 23·8	$28 \cdot 9$ $30 \cdot 1$ $31 \cdot 4$ $32 \cdot 0$ $33 \cdot 1$	32·3 32·3 31·4 31·0 31·3	29.8 30.3 30.8 30.8 30.3	32·6 33·3 34·1 33·6 33·6
26. 27. 28. 29. 30. 31.	29·0 28·8 28·3 28·2 27·8	29·3 29·2 29·2 29·0 28·8 28·5	26·2 26·0 26·3 25·6 25·5	24·3 24·3 24·3 24·2 24·1 23·9	22·8 22·6 22·5 22·5 22·4 22·5	22·3 22·2 22·0 21·9 21·9	22·5 22·3 22·4 22·3 22·1 22·1	23 · 6 23 · 6 23 · 4 23 · 1 23 · 1	33 · 4 33 · 8 34 · 4 37 · 0 36 · 7 35 · 8	31·4 31·5 30·0 29·8 30·0 30·3	29·8 30·0 30·2	33·6 33·3 33·1 32·9 32·3

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1881-82.

Table No. 690.

1	$\begin{array}{c} 32 \cdot 2 \\ 32 \cdot 0 \\ 31 \cdot 8 \\ 31 \cdot 9 \\ 32 \cdot 0 \end{array}$	24·8 25·1 25·7 25·7 25·8	$26 \cdot 8$ $26 \cdot 5$ $26 \cdot 3$ $26 \cdot 1$ $26 \cdot 1$	23 · 8 23 · 7 23 · 7 23 · 7 23 · 6	23·0 23·0 22·9 22·9 22·8	21.9 21.9 22.0 21.9 21.9	21·3 21·3 21·3 21·3 21·3	21·4 21·4 21·2 21·4 21·3	21 · 8 21 · 7 21 · 8 21 · 8 21 · 7	22·3 22·6 22·8 24·1 24·8	37.6 37.8 38.1 36.3 35.8	34·7 35·6 36·2 36·4 36·5
6	$31 \cdot 8$ $32 \cdot 1$ $31 \cdot 8$ $32 \cdot 0$ $32 \cdot 3$	$25 \cdot 8$ $25 \cdot 8$ $26 \cdot 0$ $25 \cdot 8$ $26 \cdot 1$	$\begin{array}{c} 25 \cdot 9 \\ 25 \cdot 6 \\ 25 \cdot 5 \\ 25 \cdot 5 \\ 25 \cdot 3 \end{array}$	23 · 6 23 · 5 23 · 3 23 · 3 23 · 2	22·9 23·1 22·8 22·8 22·9	$22 \cdot 0$ $21 \cdot 9$ $22 \cdot 1$ $22 \cdot 0$ $22 \cdot 0$	$21 \cdot 0$ $21 \cdot 1$ $21 \cdot 2$ $21 \cdot 3$ $21 \cdot 4$	$21 \cdot 4$ $21 \cdot 5$ $21 \cdot 6$ $21 \cdot 6$	21·7 21·8 21·8 21·8 21·8	26·6 27·8 28·7 29·3 27·9	35·9 35·7 35·8 35·8 36·4	36·2 35·9 35·1 35·0 35·0
11	33 · 6 34 · 6 35 · 8 33 · 8 31 · 6	25·9 26·4 26·7 26·9 27·3	$\begin{array}{c} 25 \cdot 2 \\ 25 \cdot 0 \\ 24 \cdot 8 \\ 24 \cdot 8 \\ 24 \cdot 8 \end{array}$	23 · 2 23 · 3 23 · 2 23 · 3 23 · 3	22·8 22·9 22·8 22·9 22·9	$22 \cdot 0$ $21 \cdot 9$ $21 \cdot 9$ $22 \cdot 0$ $21 \cdot 7$	21·4 21·3 21·2 21·3 21·1	$21 \cdot 7$ $21 \cdot 7$ $21 \cdot 8$ $21 \cdot 8$ $21 \cdot 9$	21 · 8 21 · 6 21 · 7 21 · 8 21 · 8	27·9 28·3 29·3 29·8 30·1	$35 \cdot 8$ $35 \cdot 8$ $36 \cdot 2$ $36 \cdot 0$ $36 \cdot 1$	34·4 34·3 34·2 33·4 33·5
16. 17. 18. 19. 20.	29·9 29·0 28·3 27·0 26·6	27·6 27·8 28·1 28·1 28·0	$24 \cdot 8$ $24 \cdot 6$ $24 \cdot 5$ $24 \cdot 3$ $24 \cdot 4$	23·3 23·3 23·3 23·1 23·0	22·8 22·8 22·6 22·3 22·2	$21 \cdot 5$ $21 \cdot 5$ $21 \cdot 4$ $21 \cdot 5$ $21 \cdot 5$	$21 \cdot 2$ $21 \cdot 5$ $21 \cdot 3$ $21 \cdot 2$ $21 \cdot 2$	21 · 8 21 · 8 21 · 7 21 · 8 21 · 8	21 · 8 21 · 9 21 · 9 22 · 0 21 · 9	30·4 30·9 31·3 32·1 33·3	36·2 36·3 34·7 34·2 33·8	33·4 33·0 32·7 33·3 33·3
21	25·8 24·7 24·3 24·0 23·7	$28 \cdot 1$ $28 \cdot 2$ $28 \cdot 1$ $27 \cdot 8$ $27 \cdot 9$	$\begin{array}{c} 24 \cdot 3 \\ 24 \cdot 2 \\ 24 \cdot 2 \\ 24 \cdot 2 \\ 24 \cdot 2 \\ 24 \cdot 1 \end{array}$	$23 \cdot 2$ $23 \cdot 3$ $23 \cdot 2$ $23 \cdot 1$ $23 \cdot 1$	22·3 22·4 22·4 22·3 22·3	$21 \cdot 4$ $21 \cdot 3$ $21 \cdot 3$ $21 \cdot 4$ $21 \cdot 4$	21 · 2 21 · 3 21 · 4 21 · 5 21 · 4	21·7 21·8 21·8 21·8 21·8	$22 \cdot 0$ $21 \cdot 8$ $22 \cdot 1$ $21 \cdot 8$ $21 \cdot 8$	33·3 35·1 37·1 39·3 39·3	33·8 33·7 33·8 34·4 34·4	33·1 32·9 33·3 33·3 32·8
26	23·4 23·5 23·8 24·0 24·5	27·9 27·4 27·1 26·9 26·8 26·8	23·8 23·8 23·8 23·8 23·8	$23 \cdot 1$ $23 \cdot 2$ $23 \cdot 1$ $23 \cdot 2$ $23 \cdot 1$ $23 \cdot 1$ $23 \cdot 1$	22·2 22·3 22·3 22·2 22·0 21·8	21·3 21·4 21·4 21·5 21·3	21·5 21·3 21·3 21·3 21·3 21·3	21 · 6 21 · 8 21 · 8 21 · 8 21 · 7	$21 \cdot 8$ $21 \cdot 9$ $21 \cdot 8$ $21 \cdot 8$ $21 \cdot 8$ $22 \cdot 0$ $22 \cdot 1$	38·5 39·4 38·3 38·0 37·4 37·3	34·4 35·0 34·8	33·2 33·0 33·3 33·7 34·8 36·8

 $\label{eq:energy} \mbox{6 George V, A. 1916}$ Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1882–83.

										T	TABLE No. 691.			
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.		
1	36·6 35·8 34·7 34·3 31·3	25 · 8 26 · 0 25 · 9 26 · 0 26 · 0	28·5 28·4 28·7 28·8 29·0	27 · 3 27 · 2 27 · 3 27 · 3 27 · 3	25·3 25·2 25·2 24·9 24·8	24 · 6 24 · 5 24 · 4 24 · 4 24 · 5	24 · 2 24 · 3 24 · 0 23 · 7 23 · 6	22·8 22·8 22·8 22·8 22·8	22·5 22·5 22·4 22·2 22·1	34·1 33·8 32·8 33·6 33·2	31·8 30·5 30·8 30·8 29·8	31·1 31·3 30·8 30·8 30·5		
6	30·0 29·1 29·0 28·7 27·8	25·9 25·8 25·8 25·9 25·9	29·1 29·0 29·0 28·9 28·9	27 · 3 27 · 1 27 · 0 26 · 8 26 · 8	24·8 24·8 24·6 24·7 24·6	$\begin{array}{c} 24 \cdot 3 \\ 24 \cdot 2 \\ 24 \cdot 2 \\ 24 \cdot 1 \\ 24 \cdot 0 \end{array}$	23 · 4 23 · 4 23 · 1 23 · 1 23 · 2	22 · 8 22 · 3 22 · 4 22 · 4 22 · 4	$22 \cdot 1$ $22 \cdot 2$ $22 \cdot 3$ $22 \cdot 5$ $23 \cdot 1$	32·8 32·8 32·3 33·2 32·8	29 · 8 30 · 3 30 · 8 30 · 8 30 · 3	30 · 2 30 · 8 30 · 3 30 · 3 31 · 3		
11 12 13 14 15	26·8 26·1 25·8 25·5 25·3	26·2 26·1 26·1 26·3 26·8	28·8 28·5 28·4 28·2 28·1	$26 \cdot 6$ $26 \cdot 4$ $26 \cdot 5$ $26 \cdot 4$ $26 \cdot 2$	24·7 24·4 24·5 24·4 24·5	$\begin{array}{c} 24 \cdot 1 \\ 24 \cdot 1 \\ 23 \cdot 8 \\ 23 \cdot 6 \\ 23 \cdot 8 \end{array}$	$23 \cdot 1$ $23 \cdot 1$ $23 \cdot 0$ $23 \cdot 0$ $23 \cdot 2$	22·6 22·7 22·8 22·8 22·9	$\begin{array}{c} 23 \cdot 7 \\ 24 \cdot 0 \\ 24 \cdot 2 \\ 24 \cdot 3 \\ 26 \cdot 7 \end{array}$	$32 \cdot 1$ $31 \cdot 8$ $31 \cdot 1$ $31 \cdot 8$ $31 \cdot 2$	30 · 3 30 · 3 30 · 3 30 · 8 30 · 6	32·0 30·8 31·3 32·3 32·3		
16. 17. 18. 19.	$\begin{array}{c} 25 \cdot 1 \\ 25 \cdot 0 \\ 24 \cdot 9 \\ 25 \cdot 2 \\ 25 \cdot 4 \end{array}$	26.8 27.0 27.2 27.1 27.2	27 · 9 27 · 9 27 · 8 27 · 9 27 · 8	$26 \cdot 1$ $25 \cdot 9$ $25 \cdot 8$ $25 \cdot 8$ $25 \cdot 7$	24·6 24·5 24·7 24·7 24·8	23·9 23·8 23·7 23·7 24·0	$23 \cdot 3$ $23 \cdot 2$ $23 \cdot 1$ $23 \cdot 0$ $23 \cdot 0$	$23 \cdot 0$ $23 \cdot 1$ $23 \cdot 1$ $23 \cdot 2$ $22 \cdot 8$	26·8 27·7 28·7 30·3 31·6	30 · 8 31 · 3 31 · 8 31 · 2 30 · 8	30 · 1 31 · 3 30 · 4 31 · 2 30 · 8	31·2 31·3 32·2 31·8 31·6		
21	$26 \cdot 1$ $26 \cdot 1$ $26 \cdot 2$ $26 \cdot 0$ $26 \cdot 3$	27·3 27·3 27·6 27·6 27·8	27 · 8 27 · 8 27 · 7 27 · 7 27 · 5	25 · 6 25 · 5 25 · 3 25 · 3 25 · 1	24·7 24·8 24·8 24·8 24·8	$\begin{array}{c} 24 \cdot 0 \\ 23 \cdot 9 \\ 24 \cdot 1 \\ 24 \cdot 2 \\ 24 \cdot 2 \end{array}$	22·8 22·7 22·7 22·8 22·8	$23 \cdot 2$ $23 \cdot 1$ $22 \cdot 9$ $23 \cdot 1$ $23 \cdot 2$	32·8 33·7 35·8 35·6 34·8	32·3 31·4 30·8 29·8 30·7	30 · 8 30 · 9 30 · 8 30 · 7 30 · 8	30 · 8 31 · 3 31 · 5 31 · 6 31 · 5		
26 27 28 29 30 31	25·9 25·9 25·8 26·3 25·8	27 · 8 28 · 0 28 · 3 28 · 3 28 · 2 28 · 4	27 · 5 27 · 3 27 · 5 27 · 5 27 · 3	$25 \cdot 1$ $25 \cdot 2$ $25 \cdot 2$ $25 \cdot 3$ $25 \cdot 3$ $25 \cdot 3$	$24 \cdot 8$ $24 \cdot 8$ $24 \cdot 7$ $24 \cdot 6$ $24 \cdot 4$ $24 \cdot 5$	24·2 24·3 24·2 24·3 24·3	22·8 22·8 22·8 22·7 22·8 22·8	23·3 23·0 22·9 22·7 22·6	33-9 34-5 34-1 34-3 34-7 34-3	31.5	31·2 30·3 30·7	31 · 8 32 · 3 32 · 3 31 · 8 31 · 8 31 · 8		

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1883-84,

										TA	BLE No	692.
1	31 · 6 31 · 5 31 · 8 31 · 8 32 · 0	26·8 26·9 26·4 26·4 26·5	28·7 28·7 28·6 28·4 28·3	27 · 2 27 · 1 27 · 3 27 · 4 27 · 6	$26 \cdot 2$ $26 \cdot 0$ $25 \cdot 9$ $25 \cdot 8$ $25 \cdot 8$	24·0 24·1 24·2 24·0 23·9	23·7 23·8 23·7 23·7 23·8	23·8 23·8 23·8 23·8 23·7	24·7 24·6 24·4 24·5 24·5	41·5 41·7 43·9 43·5 42·8	38·8 37·2 37·1 36·7 36·3	36·5 35·8 36·6 35·9 35·6
6	$32 \cdot 1$ $32 \cdot 1$ $32 \cdot 5$ $33 \cdot 0$ $33 \cdot 3$	26·6 26·8 26·7 26·9 27·1	28·1 27·9 27·7 27·8 27·8	27·5 27·8 27·7 27·8 27·7	25 · 7 25 · 6 25 · 6 25 · 6 25 · 5	23 · 8 23 · 8 23 · 9 24 · 0 23 · 8	23·7 23·6 23·4 23·3 23·3	23 · 8 23 · 9 23 · 8 23 · 8 23 · 8	$\begin{array}{c} 24 \cdot 6 \\ 24 \cdot 5 \\ 24 \cdot 4 \\ 24 \cdot 3 \\ 25 \cdot 0 \end{array}$	$41 \cdot 8$ $41 \cdot 3$ $41 \cdot 0$ $41 \cdot 7$ $42 \cdot 3$	36·8 36·8 36·8 36·7 36·8	$35.8 \\ 36.2 \\ 36.1 \\ 35.6 \\ 35.5$
11	$34 \cdot 1$ $35 \cdot 0$ $35 \cdot 5$ $35 \cdot 8$ $37 \cdot 0$	$\begin{array}{c} 27 \cdot 4 \\ 27 \cdot 1 \\ 27 \cdot 0 \\ 27 \cdot 1 \\ 27 \cdot 3 \end{array}$	27 · 7 27 · 7 27 · 7 27 · 8 27 · 6	$\begin{array}{c} 27 \cdot 3 \\ 27 \cdot 1 \\ 27 \cdot 1 \\ 27 \cdot 0 \\ 26 \cdot 8 \end{array}$	$25 \cdot 4$ $25 \cdot 4$ $25 \cdot 2$ $25 \cdot 1$ $24 \cdot 9$	23 · 8 23 · 6 23 · 6 23 · 6 23 · 5	$23 \cdot 4$ $23 \cdot 3$ $23 \cdot 4$ $23 \cdot 4$ $23 \cdot 6$	$23 \cdot 9$ $24 \cdot 0$ $23 \cdot 9$ $24 \cdot 0$ $24 \cdot 2$	24 · 8 24 · 8 24 · 6 24 · 8 24 · 6	41·7 41·1 40·6 40·6 39·8	$36 \cdot 6$ $36 \cdot 3$ $36 \cdot 4$ $37 \cdot 3$ $36 \cdot 6$	34 · 8 35 · 6 35 · 4 35 · 8 35 · 8
16	38·3 38·3 38·0 38·1 38·4	$\begin{array}{c} 27 \cdot 1 \\ 27 \cdot 1 \\ 27 \cdot 1 \\ 27 \cdot 1 \\ 26 \cdot 8 \\ 26 \cdot 7 \end{array}$	27 · 3 27 · 4 27 · 4 27 · 3 27 · 7	26·8 26·7 26·8 26·9 26·9	24·8 24·8 24·7 24·7 24·8	23 · 6 23 · 9 23 · 8 23 · 8 23 · 8	23 · 5 23 · 4 23 · 4 23 · 3 23 · 6	24·3 24·2 24·2 24·1 24·1	$24 \cdot 7$ $24 \cdot 8$ $25 \cdot 6$ $26 \cdot 2$ $27 \cdot 1$	40·1 39·6 39·8 38·8 37·9	36 · 4 37 · 1 37 · 8 37 · 4 37 · 7	35·5 35·8 35·6 35·6 36·3
21. 22. 23. 24. 25.	$38 \cdot 1$ $36 \cdot 9$ $36 \cdot 8$ $34 \cdot 7$ $32 \cdot 6$	26·8 26·8 27·1 27·4 27·8	27.8 27.8 27.8 27.8 27.8	$26 \cdot 8$ $26 \cdot 8$ $27 \cdot 0$ $27 \cdot 0$ $26 \cdot 8$	24·7 24·8 24·8 24·7 24·6	23 · 7 23 · 8 23 · 7 23 · 8 23 · 7	23 · 9 23 · 8 23 · 7 23 · 6 23 · 6	23 · 9 23 · 8 23 · 9 23 · 8 23 · 9	28 · 5 29 · 4 30 · 8 33 · 3 36 · 8	37 · 7 37 · 5 37 · 6 37 · 8 37 · 6	36·2 36·6 37·8 36·8 36·6	$35 \cdot 8$ $36 \cdot 1$ $36 \cdot 5$ $36 \cdot 9$ $37 \cdot 5$
26	32·8 30·8 29·8 28·7 27·8	27 · 8 28 · 1 28 · 2 28 · 2 28 · 3 28 · 2	27.7 27.8 27.5 27.3 27.3	26·7 26·6 26·4 26·3 26·3 26·1	$24 \cdot 6$ $24 \cdot 4$ $24 \cdot 3$ $24 \cdot 2$ $24 \cdot 3$ $24 \cdot 2$	23·7 23·5 23·6 23·7 23·8	23 · 3 23 · 4 23 · 3 23 · 4 23 · 5 23 · 5	24·1 24·3 24·4 24·5 24·8	38·1 37·3 37·6 39·3 38·8 40·6	37·1 36·9 36·9 36·5 36·3 38·6		38·3 39·1 39·4 40·0 40·2 39·6

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1884–85.

TABLE No. 693.

			-			-						
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	40 · 6	26.8	28 · 2	25-1	24 · 3	23 · 6	23 · 2	23·7	23·2	37·7	35·5	33·6
	40 · 7	28.8	28 · 1	25-1	24 · 4	23 · 7	23 · 2	23·8	23·0	38·4	35·0	33·7
	39 · 8	28.8	27 · 9	25-1	24 · 4	23 · 6	23 · 1	23·8	23·0	37·2	34·3	32·7
	39 · 4	28.9	27 · 8	25-1	24 · 5	23 · 5	23 · 0	24·0	22·8	39·3	34·0	32·7
	39 · 8	29.1	27 · 7	25-0	24 · 5	23 · 6	23 · 1	24·3	23·0	39·2	34·3	33·1
6	39·6	29·3	27 · 6	25·0	24·7	23 · 6	23·3	24 · 3	23 · 2	40.8	33.8	32·5
	39·1	29·3	27 · 5	25·0	24·8	23 · 6	23·4	24 · 2	23 · 4	40.8	33.8	32·3
	38·8	29·3	27 · 3	25·2	24·8	23 · 6	23·3	24 · 2	24 · 2	40.0	33.8	32·4
	38·7	29·5	27 · 2	25·3	24·8	23 · 6	23·3	24 · 0	25 · 0	39.5	34.0	31·9
	38·7	29·6	27 · 3	25·1	24·9	23 · 5	23·3	23 · 8	24 · 8	38.8	34.6	32·8
11	38.8	29·9	26.6	25·0	24 · 8	23 · 6	23·1	23·7	24 · 7	38 · 4	34·7	31·7
12	41.4	30·0	26.6	25·0	24 · 8	23 · 6	23·0	23·7	24 · 8	39 · 5	33·8	32·0
13	41.9	29·9	26.7	24·8	24 · 7	23 · 5	23·1	23·5	24 · 4	37 · 5	34·0	31·7
14	41.8	29·8	26.6	24·8	24 · 7	23 · 3	23·1	23·4	24 · 3	37 · 3	33·4	31·7
15	42.3	29·8	26.3	24·8	24 · 6	23 · 2	23·1	23·5	24 · 3	37 · 8	33·4	31·6
16	43.0 42.3 39.5 37.6 33.8	29.8 29.8 29.9 29.9 29.3	26·3 26·2 26·1 26·3 26·1	24 · 8 24 · 8 24 · 8 24 · 6 24 · 6	$24 \cdot 4$ $24 \cdot 3$ $24 \cdot 2$ $24 \cdot 2$ $24 \cdot 1$	23 · 1 23 · 1 23 · 3 23 · 3 23 · 2	23·0 23·1 23·2 23·2 23·0	23 · 4 23 · 4 23 · 4 23 · 3 23 · 1	24 · 1 24 · 1 24 · 3 25 · 3 25 · 3	37 · 6 37 · 5 37 · 1 36 · 3 35 · 7	32 · 4 34 · 2 33 · 2 33 · 1 33 · 3	32·0 31·8 31·2 31·5 31·6
21	32·3	29·6	$26 \cdot 1$ $25 \cdot 7$ $25 \cdot 9$ $25 \cdot 8$ $25 \cdot 8$	24 · 7	24 · 0	23·2	23·1	23·0	26·6	34 · 8	33 · 8	31 · 2
22	30·8	29·8		24 · 7	24 · 0	23·2	23·1	23·1	28·1	35 · 3	33 · 1	30 · 6
23	29·7	29·7		24 · 6	24 · 0	23·0	23·1	22·9	29·7	34 · 5	33 · 1	31 · 4
24	29·3	29·5		24 · 7	24 · 0	23·0	23·2	22·9	31·5	34 · 4	32 · 3	31 · 8
25	29·0	29·6		24 · 8	23 · 9	23·1	23·2	23·0	34·0	35 · 6	32 · 6	32 · 6
26	28·6 28·4 28·0 28·8 28·8	29·5 29·6 29·6 29·1 28·8 28·4	25·9 25·8 25·6 25·4 25·3	$24 \cdot 6$ $24 \cdot 4$ $24 \cdot 4$ $24 \cdot 5$ $24 \cdot 3$ $24 \cdot 4$	23·8 23·9 23·8 23·8 23·7 23·7	23·1 23·0 23·1 23·2 23·2	$23 \cdot 1$ $23 \cdot 0$ $23 \cdot 2$ $23 \cdot 3$ $23 \cdot 5$ $23 \cdot 6$	23·1 23·3 23·3 23·3 23·4	35-6 36-4 38-1 39-2 39-8 38-4	34 - 7	33·3 33·2 33·4	31·6 32·5 32·4 31·6 32·0 32·5

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1885–86.

										TA	BLE NO	0. 694.
1	32·5 31·8 32·3 32·2 32·4	39·6 39·7 37·0 34·2 32·2	28·5 28·8 28·7 28·6 28·5	26·9 27·0 27·0 26·9 26·8	25·3 25·1 24·8 24·8 24·8	23 · 8 23 · 8 23 · 7 23 · 6 23 · 6	23·7 23·5 23·4 23·5 23·3	24·3 24·4 24·6 24·7 24·8	24 · 3 24 · 2 24 · 0 24 · 0 23 · 9	35-3 33-6 33-9 33-6 33-8	38·3 38·3 38·6 38·4 37·9	33·9 33·9 33·9 34·4 34·8
6	32·5 32·3 33·1 32·8 32·9	30·3 29·4 28·8 28·8 28·8	$28 \cdot 3$ $28 \cdot 0$ $28 \cdot 0$ $27 \cdot 8$ $27 \cdot 8$	$26 \cdot 8$ $26 \cdot 6$ $26 \cdot 6$ $26 \cdot 4$ $26 \cdot 5$	24 · 8 24 · 7 24 · 7 24 · 6 24 · 7	23·5 23·4 23·5 23·6 23·7	23·3 23·4 23·3 23·3 23·3	$24 \cdot 7$ $24 \cdot 8$ $25 \cdot 1$ $25 \cdot 3$ $25 \cdot 5$	23·8 23·8 23·7 23·8 23·8	35·3 38·8 40·4 41·5 44·8	37·2 37·4 37·8 38·7 38·3	35·8 35·8 35·6 35·2 34·8
11	34·1 34·3 34·7 35·0 35·2	$28 \cdot 9$ $29 \cdot 0$ $29 \cdot 2$ $29 \cdot 2$ $29 \cdot 3$	$\begin{array}{c} 27 \cdot 6 \\ 27 \cdot 5 \\ 27 \cdot 3 \\ 27 \cdot 3 \\ 27 \cdot 3 \\ 27 \cdot 1 \end{array}$	$26 \cdot 7$ $26 \cdot 8$ $26 \cdot 7$ $26 \cdot 6$ $26 \cdot 7$	$24 \cdot 7$ $24 \cdot 7$ $24 \cdot 5$ $24 \cdot 5$ $24 \cdot 6$	23 · 6 23 · 7 23 · 8 23 · 8 23 · 8	23·3 23·3 23·2 23·1 23·2	$25 \cdot 5$ $25 \cdot 6$ $25 \cdot 6$ $25 \cdot 5$ $25 \cdot 4$	23 · 8 24 · 1 24 · 3 24 · 3 24 · 3	$45 \cdot 1$ $44 \cdot 2$ $43 \cdot 6$ $43 \cdot 3$ $43 \cdot 0$	37·4 38·1 37·8 38·0 37·9	34.5 35.3 35.3 34.8 34.4
16. 17. 18. 19.	35·7 35·9 36·3 36·7 37·1	29·3 29·3 29·3 29·4 29·3	27.0 26.9 26.8 26.8 26.6	26·6 26·6 26·5 26·3 26·2	$24 \cdot 5$ $21 \cdot 4$ $24 \cdot 3$ $24 \cdot 4$ $24 \cdot 3$	23·7 23·7 23·6 23·6 23·5	23·3 23·2 23·2 23·1	$25 \cdot 2$ $25 \cdot 0$ $25 \cdot 1$ $25 \cdot 1$ $25 \cdot 0$	$24 \cdot 7$ $25 \cdot 1$ $25 \cdot 7$ $26 \cdot 5$ $27 \cdot 8$	42·4 41·8 43·2 41·8 41·7	37·8 37·2 37·7 37·3 38·0	35·1 34·9 34·8 34·3 34·7
21	37·6 38·1 39·2 43·0 43·6	$29 \cdot 3$ $29 \cdot 2$ $29 \cdot 2$ $29 \cdot 0$ $29 \cdot 0$	26.7 26.6 26.4 26.5 26.8	$26 \cdot 2$ $26 \cdot 0$ $25 \cdot 8$ $25 \cdot 7$ $25 \cdot 7$	$\begin{array}{c} 24 \cdot 2 \\ 24 \cdot 1 \\ 24 \cdot 1 \\ 24 \cdot 0 \\ 24 \cdot 1 \end{array}$	23·4 23·6 23·8 23·8 23·6	23 · 4 24 · 3 24 · 5 24 · 8 24 · 4	$24 \cdot 9$ $25 \cdot 0$ $25 \cdot 2$ $25 \cdot 2$ $25 \cdot 1$	28·5 28·8 29·8 31·8 32·2	41·2 41·0 40·8 40·3 39·8	36·5 36·8 36·2 35·3	$34 \cdot 8$ $35 \cdot 1$ $35 \cdot 3$ $35 \cdot 4$ $35 \cdot 2$
26. 27. 28. 29. 30. 31.	44·1 43·5 41·7 41·1 41·1	28·9 28·8 28·8 28·6 28·4 28·5	26·7 26·7 26·8 26·9 27·0	25·7 25·6 25·5 25·3 25·3 25·3	23·9 23·9 23·8 23·7 23·7 23·8	23·7 23·8 23·7 23·8 23·7	24·3 24·2 24·3 24·2 24·3 24·4	25-2 -24-8 24-8 24-3 24-3	32·7 33·6 34·3 34·3 35·5 36·3	39·9 39·8 39·6 39·3 38·9		35·8 35·2 35·1 35·2 35·8 35·8

6 GEORGE V, A. 1916

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1886-87.

											CDEE IV	0. 000.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	36·5 38·3 38·8 38·5 38·6	30·7 30·6 30·4 30·2 30·1	27·3 27·3 27·2 27·0 27·0	26 · 2 26 · 0 25 · 9 26 · 0 26 · 1	$25 \cdot 1$ $25 \cdot 0$ $25 \cdot 0$ $25 \cdot 0$ $25 \cdot 0$	23·8 23·8 23·8 23·8 23·7	23·8 23·8 23·8 23·8 23·8	23 · 6 23 · 5 23 · 5 23 · 5 23 · 3	23·7 23·6 23·7 23·8 23·8	38·0 37·3 37·0 36·6 36·5	34·8 34·0 33·7 33·2 32·7	34·8 34·7 34·5 35·2 35·2
6	38·3 37·8 37·0 36·7 37·3	30·1 30·2 30·3 29·9 29·8	27·1 26·9 26·8 26·8 26·8	25·9 25·9 25·8 25·6 25·7	$24 \cdot 9$ $24 \cdot 8$ $24 \cdot 8$ $24 \cdot 7$ $24 \cdot 4$	23 · 8 23 · 6 23 · 5 23 · 6 23 · 5	23 · 8 23 · 7 23 · 5 23 · 4 23 · 4	23·3 23·4 23·3 23·3 23·4	24 · 4 25 · 5 27 · 4 29 · 3 29 · 7	37·3 37·8 36·8 36·5 36·4	33·2 33·2 33·6 35·3 24·9	35·0 34·8 35·3 35·4 35·8
11	37·5 37·8 38·3 38·3 39·0	29·6 29·6 29·6 29·5 29·3	26·9 26·8 26·8 26·8 26·7	25·4 25·3 25·3 25·3 25·1	24·4 24·4 24·3 24·3 24·3	23 · 5 23 · 4 23 · 4 23 · 4 23 · 5	23 · 4 23 · 5 23 · 5 23 · 4 23 · 5	23.6 23.6 23.5 23.4 23.3	30·2 30·2 30·1 30·3 30·3	35·3 35·5 35·3 35·1 34·8	35·3 35·0 34·0 33·8 34·6	35·1 35·1 35·4 35·3 35·3
16	41·1 45·4 48·7 48·6 44·6	29·0 28·8 28·7 28·6 28·5	$26 \cdot 7$ $26 \cdot 6$ $26 \cdot 8$ $26 \cdot 7$ $26 \cdot 6$	25·1 25·0 25·1 25·2 25·1	24·3 24·4 24·3 24·2 24·2	23 · 4 23 · 5 23 · 5 23 · 6 23 · 6	23·7 23·6 23·5 23·5 23·3	23·3 23·4 23·4 23·9	30·6 31·5 32·1 33·6 33·8	34·5 34·6 34·4 34·2 34·7	35·6 35·8 34·6 35·1 34·4	34·8 35·1 35·8 35·8 35·5
21	35·7 33·8 32·3 32·1 31·8	28·3 28·0 28·1 28·1 27·9	26·7 26·5 26·4 26·3 26·3	$\begin{array}{c} 25 \cdot 2 \\ 25 \cdot 1 \\ 25 \cdot 0 \\ 25 \cdot 0 \\ 24 \cdot 9 \end{array}$	$24 \cdot 1$ $23 \cdot 9$ $23 \cdot 8$ $23 \cdot 9$ $23 \cdot 9$	23·7 23·6 23·5 23·4 23·4	23 · 4 23 · 4 23 · 6 23 · 5 23 · 5	$24 \cdot 1$ $24 \cdot 3$ $24 \cdot 1$ $24 \cdot 1$ $24 \cdot 3$	34·3 35·0 34·8 34·8 34·3	35·7 35·3 34·0 35·5 35·4	35·1 35·0 35·1 35·0 34·0	35·2 35·1 35·3 34·5 35·4
26	31.6 31.3 31.3 31.3 31.0	27·8 27·7 27·7 27·6 27·7 27·5	26·2 26·2 26·3 26·1 26·3	$\begin{array}{c} 24 \cdot 9 \\ 25 \cdot 2 \\ 25 \cdot 2 \\ 25 \cdot 1 \\ 25 \cdot 1 \\ 25 \cdot 1 \end{array}$	23 · 8 23 · 7 23 · 8 23 · 8 23 · 7 23 · 8	23 · 5 23 · 6 23 · 7 23 · 8 23 · 8	23 · 8 23 · 7 23 · 5 23 · 6 23 · 6 23 · 8	24·3 24·3 24·1 23·8 23·8	34·8 37·2 39·1 38·8 38·9 38·1	35-8	34·3 34·7 34·9	35·0 34·4 35·1 34·9 34·7 34·8

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1887-88.

										TA	BLE No	. 696.
1 2 3 4 5	· 35·3 35·3 35·3 35·7 35·6	32·3 31·6 31·8 30·8 31·4	28·2 28·0 28·0 28·2 27·9	$25 \cdot 2$ $25 \cdot 2$ $25 \cdot 1$ $25 \cdot 1$ $25 \cdot 0$	24·2 24·2 24·1 24·1 24·0	22·9 22·9 23·0 23·1 22·9	22·0 22·1 22·0 22·2 22·4	21·7 21·6 21·8 21·7 21·8	21 · 8 21 · 8 21 · 7 21 · 6 21 · 7	37·9 39·3 38·2 37·4 38·0	33·7 33·1 32·7 32·8 32·6	31·0 30·8 30·3 30·3 30·3
6	35·1 35·4 35·7 35·8 36·0	31·8 32·3 31·8 32·3 32·5	27·8 27·6 27·4 27·4 27·3	$24 \cdot 9$ $24 \cdot 9$ $24 \cdot 9$ $25 \cdot 0$ $24 \cdot 9$	$24 \cdot 0$ $24 \cdot 1$ $24 \cdot 0$ $23 \cdot 9$ $23 \cdot 8$	22·8 22·7 22·8 22·7 22·8	22·5 22·4 22·3 22·3 22·3	21·8 21·8 21·7 21·8 21·9	21 · 8 22 · 0 21 · 9 21 · 8 21 · 9	37·5 37·3 36·8 37·0 36·9	32·3 32·3 31·8 32·1 31·8	31·3 32·1 33·1 33·0 32·7
11	37.0 38.5 38.8 38.7 38.5	32·4 32·6 32·6 32·4 32·3	27·3 26·9 26·8 26·9 26·6	$25 \cdot 0$ $25 \cdot 0$ $25 \cdot 1$ $25 \cdot 1$ $24 \cdot 9$	23·7 23·8 23·8 23·6 23·5	22·8 22·6 22·6 22·5 22·6	22·3 22·2 22·3 22·3 22·2	$22 \cdot 0$ $22 \cdot 1$ $21 \cdot 8$ $21 \cdot 8$ $21 \cdot 8$	$22 \cdot 1$ $22 \cdot 1$ $22 \cdot 2$ $22 \cdot 1$ $22 \cdot 2$	36·8 35·8 35·7 36·3 35·8	31·1 30·3 29·8 30·4 31·1	$32 \cdot 7$ $32 \cdot 6$ $32 \cdot 0$ $31 \cdot 7$ $31 \cdot 9$
16	38·8 38·9 39·0 39·0 39·3	32·0 31·8 31·6 31·3 31·1	26·5 26·4 26·4 26·3 26·1	24 · 8 24 · 8 24 · 8 24 · 8 24 · 7	23·4 23·5 23·5 23·4 23·5	22·6 22·7 22·5 22·6 22·4	$22 \cdot 1$ $22 \cdot 2$ $22 \cdot 3$ $22 \cdot 3$ $22 \cdot 2$	$\begin{array}{c} 21 \cdot 9 \\ 22 \cdot 0 \\ 21 \cdot 8 \\ 21 \cdot 9 \\ 22 \cdot 0 \end{array}$	$22 \cdot 3$ $22 \cdot 2$ $22 \cdot 3$ $22 \cdot 2$ $22 \cdot 1$	35·4 34·8 35·3 34·8 34·3	29·8 29·7 30·2 30·1 29·9	31·9 31·8 31·3 31·7 32·7
21 22 23 24 25	39·6 46·3 46·5 45·6 44·3	30·7 30·3 29·9 29·8 29·6	26.0 26.0 25.9 25.9 25.9	24 · 8 24 · 7 24 · 8 24 · 7 24 · 8	$23 \cdot 5$ $23 \cdot 6$ $23 \cdot 7$ $23 \cdot 6$ $23 \cdot 3$	22·5 22·6 22·5 22·4 22·3	$22 \cdot 3$ $22 \cdot 3$ $22 \cdot 2$ $22 \cdot 0$ $22 \cdot 1$	$\begin{array}{c} 22 \cdot 0 \\ 21 \cdot 9 \\ 21 \cdot 8 \\ 21 \cdot 7 \\ 21 \cdot 4 \end{array}$	$22 \cdot 1$ $22 \cdot 0$ $22 \cdot 4$ $23 \cdot 1$ $24 \cdot 2$	35·1 34·6 34·4 35·1 34·3	31·3 31·2 30·8 31·3 31·4	32·8 32·8 32·3 31·8 31·4
26	44·1 42·4 40·0 35·8 33·2	29·5 29·4 29·5 29·1 28·8 29·3	25·8 25·8 25·6 25·4 25·3	24 · 6 24 · 6 24 · 5 24 · 4 24 · 4 24 · 4	23·3 23·3 23·1 22·9 23·0 23·1	22·3 22·2 22·2 22·1 22·2	22·1 22·2 22·0 22·1 22·0 21·8	21·5 21·4 21·6 21·8 21·9	25·4 27·7 29·3 31·8 35·2 36·6	33.9 33.4 32.6 32.3 31.8 33.0	31·7 31·2 30·4 29·6	32·8 33·3 33·5 33·5 33·8 34·1

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1888-89.

TABLE No. 697.

	TAD									IDLE .	0. 051.	
Day.	April.	May.	June.	July.	Aug.	Sept.	Oet.	Nov.	Dec.	Jan.	Feb.	March.
1	34·0 34·4 34·3 34·0 34·4	27 · 5 27 · 3 27 · 0 26 · 7 26 · 6	28·6 28·4 28·2 28·1 27·9	26·3 26·1 25·8 25·6 25·5	23·3 23·3 23·2 23·1 23·1	23·1 23·0 23·0 22·9 22·9	22·2 22·4 22·3 22·3 22·3	22·3 22·2 22·3 22·5 22·7	23·0 22·9 22·9 23·0 23·0	31·2 30·8 30·4 30·3 30·3	37·1 35·9 36·2 36·4 36·3	33·8 33·4 33·5 33·3 33·3
6	34·8 34·8 34·8 34·8	$26 \cdot 5$ $26 \cdot 4$ $26 \cdot 6$ $26 \cdot 7$ $27 \cdot 0$	27 · 8 28 · 0 27 · 8 27 · 6 27 · 4	25·3 25·3 25·1 24·9 24·8	23 · 2 23 · 3 23 · 2 23 · 1 23 · 1	22·8 22·7 22·6 22·7 22·8	22·3 22·6 22·8 22·8 22·8	22 · 6 22 · 9 23 · 3 23 · 6 24 · 3	23·2 22·8 22·7 22·5 22·3	29 · 8 29 · 7 29 · 5 29 · 6 29 · 6	36·1 36·3 36·0 36·1 36·9	33·3 33·4 33·3 33·4 33·3
11	34 · 8 35 · 2 35 · 2 35 · 1 34 · 9	$27 \cdot 2$ $27 \cdot 7$ $27 \cdot 9$ $28 \cdot 4$ $29 \cdot 2$	$27 \cdot 5$ $27 \cdot 3$ $27 \cdot 1$ $27 \cdot 0$ $27 \cdot 0$	24·7 24·8 24·9 24·8 24·6	23·0 22·9 23·1 23·2 23·1	22·8 22·7 22·6 22·5 22·4	22·6 22·5 22·8 22·6 22·4	24 · 9 25 · 7 25 · 6 25 · 2 24 · 7	22·2 22·2 21·8 21·9 22·0	30·4 30·4 30·4 30·4 30·8	36·6 36·8 35·8 35·3 34·3	33·3 32·9 33·3 32·6 32·3
16	35·3 35·3 38·3 37·8 39·1	29·4 29·9 29·8 30·1 30·3	$27 \cdot 2$ $27 \cdot 1$ $27 \cdot 2$ $27 \cdot 2$ $27 \cdot 2$ $27 \cdot 1$	$24 \cdot 4$ $24 \cdot 3$ $24 \cdot 1$ $24 \cdot 0$ $24 \cdot 1$	$23 \cdot 0$ $23 \cdot 1$ $23 \cdot 0$ $22 \cdot 9$ $23 \cdot 0$	$22 \cdot 6$ $22 \cdot 7$ $22 \cdot 7$ $22 \cdot 6$ $22 \cdot 8$	$22 \cdot 3$ $22 \cdot 2$ $22 \cdot 1$ $21 \cdot 9$ $22 \cdot 0$	24 · 8 24 · 4 24 · 1 23 · 8 23 · 8	23·3 24·7 26·6 26·4 27·0	31·3 32·5 32·3 34·8 38·8	34·7 35·8 36·0 35·6 33·7	32·3. 32·4 32·5. 32·5. 32·5. 32·6
21 22 23 24 25	41.8 40.4 41.8 40.3 34.7	30·3 30·2 29·8 30·0 29·8	27 · 3 27 · 2 27 · 3 27 · 3 27 · 2	24.0 23.9 23.8 23.8 23.8	$22 \cdot 9$ $23 \cdot 1$ $23 \cdot 0$ $22 \cdot 8$ $22 \cdot 9$	22 · 8 23 · 0 22 · 9 22 · 9 22 · 8	$\begin{array}{c} 22 \cdot 2 \\ 22 \cdot 2 \\ 22 \cdot 2 \\ 22 \cdot 1 \\ 22 \cdot 2 \end{array}$	23.8 23.4 23.4 23.1 22.8	$28 \cdot 3$ $30 \cdot 5$ $32 \cdot 2$ $32 \cdot 0$ $32 \cdot 4$	41·1 40·4 39·8 39·9 39·9	33·6 33·7 33·1 32·2 32·3	32·7 32·8 33·3 33·6 33·9
26. 27. 28. 29. 30. 31.	31·0 30·1 28·8 28·2 27·8	29·6 29·7 29·5 29·3 29·1 29·0	27 · 2 27 · 3 27 · 1 26 · 8 26 · 5	23 · 8 23 · 9 24 · 1 23 · 8 23 · 6 23 · 4	$23 \cdot 1$ $23 \cdot 4$ $23 \cdot 5$ $23 \cdot 3$ $23 \cdot 1$ $23 \cdot 2$	22·8 22·6 22·6 22·5 22·3	22·3 22·2 22·3 22·3 22·2 22·3	23·1 23·3 23·3 22·6	32·3 32·3 30·4 31·3 31·4 31·4	40·1 38·8 38·2 38·0 36·6 36·9	33·1 32·8 33·3	34·0 34·6 34·6 34·4 34·0 33·8

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1889-90.

										T.	ABLE N	o. 698.
1	34·0 33·7 33·5 33·4 34·4	28·7 28·7 28·7 28·5 28·3	25·3 25·5 25·7 25·9 26·3	26·8 26·6 26·7 26·6 26·4	25·1 25·1 25·2 25·0 25·1	23·2 23·1 22·9 22·8 22·8		21·8 21·7 21·8	22·4 22·5 22·4 22·3 22·2	24 · 4 24 · 5 24 · 8 24 · 8 24 · 8	39·1 39·6 39·8 40·1 40·3	38·5 38·3 38·4 38·3 38·4
6	37·2 37·4 39·5 38·6 37·3	28·2 28·0 27·8 27·5 27·3	26·7 27·2 27·6 27·8 27·9	$26 \cdot 3$ $26 \cdot 2$ $26 \cdot 1$ $26 \cdot 3$ $26 \cdot 1$	24 · 9 24 · 8 24 · 5 24 · 3 24 · 3	22·7 22·9 22·8 22·8 22·8	22·8 22·8 22·9 23·0 23·0		$\begin{array}{c} 22 \cdot 1 \\ 22 \cdot 2 \\ 22 \cdot 4 \\ 22 \cdot 7 \\ 22 \cdot 9 \end{array}$	$24 \cdot 9$ $25 \cdot 1$ $25 \cdot 9$ $25 \cdot 8$ $27 \cdot 4$	39 · 9 39 · 4 39 · 3 39 · 0 38 · 6	37·8 37·0 36·7 36·9 37·0
11. 12. 13. 14. 15.	35·3 31·1 30·2 29·6 27·8	27·3 27·2 26·9 26·7 26·6	$28 \cdot 1$ $28 \cdot 0$ $27 \cdot 9$ $27 \cdot 9$ $27 \cdot 8$	$\begin{array}{c} 26 \cdot 1 \\ 26 \cdot 2 \\ 26 \cdot 0 \\ 25 \cdot 9 \\ 26 \cdot 0 \end{array}$	$24 \cdot 3$ $24 \cdot 1$ $24 \cdot 1$ $24 \cdot 3$ $24 \cdot 2$	22·8 22·7 22·6 22·4 22·3	22·9 22·9 22·8 22·8 22·3	$\begin{array}{c} 21 \cdot 7 \\ 21 \cdot 6 \\ 21 \cdot 7 \\ 21 \cdot 6 \\ 21 \cdot 6 \end{array}$	23·3 23·6 23·8 23·6 23·4	28 · 9 32 · 6 34 · 6 32 · 1 32 · 6	38·1 38·0 37·8 38·7 39·3	$\begin{array}{r} 37 \cdot 2 \\ 37 \cdot 0 \\ 37 \cdot 1 \\ 37 \cdot 3 \\ 37 \cdot 6 \end{array}$
16	26·4 25·8 25·6 25·4 25·5	$26 \cdot 7$ $26 \cdot 5$ $26 \cdot 3$ $26 \cdot 1$ $25 \cdot 9$	27 · 9 28 · 0 27 · 8 27 · 3 27 · 2	25·8 25·7 25·6 25·3 25·7	$24 \cdot 3$ $24 \cdot 1$ $24 \cdot 0$ $23 \cdot 8$ $23 \cdot 8$	22·5 22·6 22·5 22·4 22·3	22 · 2 22 · 0 22 · 1 22 · 1 22 · 0	21·4 21·3 21·3 21·4 21·7	23 · 5 23 · 4 23 · 3 23 · 3 23 · 3	33 · 8 34 · 3 35 · 5 36 · 6 37 · 0	38·1 37·6 37·8 37·8 37·4	$37 \cdot 4$ $37 \cdot 3$ $37 \cdot 2$ $36 \cdot 8$ $36 \cdot 7$
21 22 23 24 25	25·4 25·8 26·0 26·3 26·5	25·7 25·8 25·9 25·8 25·7	27·0 26·8 26·7 26·7 26·6	25 · 8 25 · 8 25 · 4 25 · 3 25 · 3	23 · 6 23 · 7 23 · 7 23 · 7 23 · 6	22·5 22·7 22·7 22·6 22·5	22·1 21·9 21·9 21·7 21·7	21·8 22·2 22·5 22·7 22·8	23 · 4 23 · 6 23 · 5 23 · 4 23 · 5	37·8 38·0 39·3 39·6 40·1	37·1 36·9 37·1 38·2 38·6	36·6 36·8 36·7 36·4 36·3
26	26·8 27·1 27·4 27·7 27·9	25 · 6 25 · 3 25 · 2 25 · 2 25 · 3 25 · 3	26·6 26·7 26·9 26·8 26·8	25·1 24·9 24·8 24·8 24·9 25·2	23 · 6 23 · 4 23 · 3 23 · 3 23 · 3 23 · 3	22·4 22·6 22·5 22·6 22·4	21 · 8 22 · 1 22 · 3 22 · 6 22 · 3 22 · 1	22·7 22·6 22·8 22·6 22·5	$23 \cdot 4$ $23 \cdot 5$ $23 \cdot 8$ $23 \cdot 9$ $24 \cdot 1$ $24 \cdot 3$	39.8	38·4 38·5 38·6	$36 \cdot 2$ $36 \cdot 3$ $36 \cdot 1$ $35 \cdot 8$ $35 \cdot 6$ $35 \cdot 3$

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1890-91.

								Access to the		1.4	OUE P	0. 099.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	35·3 35·1 35·3 35·2 36·7	27 · 7 27 · 8 27 · 7 27 · 9 28 · 3	29·8 29·8 29·8 29·8 29·8	27 · 8 27 · 6 27 · 6 27 · 7 27 · 6	25·2 25·1 25·0 25·0 25·0	24·9 24·8 24·8 24·7 24·5	23·8 23·8 23·7 23·6 23·8	23·3 23·4 23·4 23·4 23·3	23·3 23·2 22·9 24·1 24·6	35·0 35·4 36·1 35·1 34·6	33·8 33·3 32·4 32·1 31·5	33 · 6 33 · 5 33 · 4 33 · 5 33 · 4
6	38·8 39·7 37·6 35·8 34·9	28 · 8 29 · 3 29 · 5 29 · 3 29 · 4	29·8 29·8 29·8 29·8 29·6	$27 \cdot 4$ $27 \cdot 3$ $27 \cdot 2$ $27 \cdot 3$ $27 \cdot 0$	$25 \cdot 0$ $25 \cdot 0$ $25 \cdot 0$ $24 \cdot 9$ $24 \cdot 8$	$24 \cdot 4$ $24 \cdot 3$ $24 \cdot 2$ $24 \cdot 3$ $24 \cdot 2$	23·7 23·7 23·4 23·4 23·4	23·3 23·3 23·2 23·3 23·6	26·1 26·7 27·8 29·5 30·5	34·8 35·3 34·9 34·7 34·8	32·3 32·1 32·7 32·3 32·6	33·3 33·3 33·7 33·7 34·2
11 12 13 14 15	34·3 33·8 32·8 31·3 30·8	29 · 4 29 · 3 29 · 2 29 · 2 29 · 1	29 · 3 29 · 4 29 · 3 29 · 4 29 · 4	26·8 26·7 26·6 26·3 26·4	24·8 24·8 24·6 24·4 24·4	$24 \cdot 0$ $24 \cdot 1$ $24 \cdot 8$ $25 \cdot 7$ $25 \cdot 6$	23·4 23·3 23·3 23·3 23·4	23 · 8 23 · 7 23 · 6 23 · 6 23 · 6	30 · 6 30 · 8 30 · 9 31 · 6 32 · 2	34 · 6 34 · 9 34 · 6 33 · 5 33 · 9	32·7 32·2 33·0 32·4 32·0	$34 \cdot 1$ $34 \cdot 8$ $35 \cdot 0$ $35 \cdot 4$ $34 \cdot 8$
16	30·4 30·9 30·8 30·6 30·2	28·9 28·9 28·8 28·8 28·9	29·4 29·3 29·3 29·6 29·4	$26 \cdot 4$ $26 \cdot 3$ $26 \cdot 2$ $26 \cdot 1$ $26 \cdot 1$	24·3 24·4 24·3 24·3 24·3	$25 \cdot 7$ $25 \cdot 4$ $25 \cdot 1$ $24 \cdot 9$	23·6 23·7 23·8 23·8 24·0	23·4 23·3 23·6 23·8 24·3	32·7 33·7 34·4 35·8 37·7	34·3 33·5 32·9 33·2 33·7	32·3 33·4 33·2 32·3 32·5	35·4 34·8 35·1 34·7 33·9
21	29·3 28·6 28·0 28·1 27·8	$29 \cdot 5$ $30 \cdot 0$ $30 \cdot 1$ $30 \cdot 2$ $30 \cdot 0$	$ \begin{array}{r} 29 \cdot 2 \\ 29 \cdot 1 \\ 29 \cdot 0 \\ 28 \cdot 8 \\ 28 \cdot 7 \end{array} $	25·8 25·7 25·6 25·4 25·3	24 · 2 24 · 2 24 · 3 24 · 3 24 · 3	$24 \cdot 8$ $24 \cdot 5$ $24 \cdot 3$ $24 \cdot 3$ $24 \cdot 1$	23 · 8 23 · 6 23 · 5 23 · 4 23 · 5	24 · 3 24 · 1 23 · 8 23 · 8 23 · 6	38·9 38·4 37·4 38·8 37·2	33·9 34·1 35·2 34·8 34·5	32·4 33·2 32·4 32·8 33·8	34·1 34·4 34·6 35·3 36·4
26. 27. 28. 29. 30.	27 · 4 27 · 4 27 · 5 27 · 3 27 · 4	29·7 29·7 29·7 29·6 29·7 29·7	28 · 6 28 · 6 28 · 4 28 · 1 27 · 9	$25 \cdot 4$ $25 \cdot 3$ $25 \cdot 3$ $25 \cdot 3$ $25 \cdot 1$ $25 \cdot 0$	24·3 24·4 24·5 24·5 24·7 24·8	23·9 24·1 23·9 23·9 23·8	23·3 23·6 23·4 23·4 23·5 23·4	23 · 8 23 · 6 23 · 1 23 · 3 23 · 2	36.6 36.8 36.8 36.3 35.9 35.6	33 - 6	34·1 34·8 34·4	36·8 37·2 37·3 37·2 37·2 37·3

 ${\tt Elevations \ above \ M.S.L. \ of \ St. \ Lawrence \ River \ at \ Lower \ Lachine, \ for \ 1891–92.}$

										TA	BLE N	o. 700 _*
1	37·3 37·2 37·7 37·9 37·7	29·8 29·8 29·6 29·5 29·4	26 · 6 26 · 6 26 · 6 26 · 3 25 · 9	24 · 1 23 · 9 23 · 8 23 · 9 23 · 8	24 · 0 23 · 8 23 · 9 24 · 0 24 · 0	23·3 23·2 23·1 23·1 23·1	21·8 21·8 21·7 21·6 21·8	21·1 21·3 21·2 21·1 21·1	22 · 6 22 · 6 22 · 8 22 · 8 22 · 6	22·5 24·2 22·8 23·7 23·5	37·1 37·5 37·3 36·8 36·3	31·5 31·1 31·1 31·4 32·3
6. 7. 8. 9.	37·4 37·3 37·0 36·8 36·3	29 · 6 29 · 6 29 · 6 29 · 6 29 · 6	25·8 25·8 25·7 25·6 25·5	$24 \cdot 2$ $24 \cdot 1$ $24 \cdot 0$ $23 \cdot 9$ $23 \cdot 8$	23 · 9 23 · 9 23 · 9 23 · 8 23 · 8	$\begin{array}{c} 23 \cdot 0 \\ 22 \cdot 9 \\ 23 \cdot 0 \\ 22 \cdot 8 \\ 22 \cdot 8 \end{array}$	$21 \cdot 9$ $21 \cdot 7$ $21 \cdot 8$ $21 \cdot 6$ $21 \cdot 5$	20·9 20·8 20·8 20·8 20·6	22·9 23·3 22·9 22·8 23·0	23·4 23·7 24·5 25·5 25·2	35·7 35·1 35·2 35·2 35·2	$32 \cdot 3$ $32 \cdot 5$ $32 \cdot 2$ $32 \cdot 3$ $32 \cdot 2$
11. 12. 13. 14. 15.	39·5 38·5 35·7 34·5 33·8	29·5 29·3 29·2 29·0 28·8	$25 \cdot 3$ $25 \cdot 2$ $25 \cdot 1$ $24 \cdot 8$ $24 \cdot 8$	23 · 8 23 · 6 23 · 5 23 · 5 23 · 6	23 · 8 23 · 7 23 · 6 23 · 6 23 · 4	$22 \cdot 8$ $22 \cdot 7$ $22 \cdot 5$ $22 \cdot 8$ $22 \cdot 7$	21.5 21.6 21.4 21.3 21.3	20·7 20·8 20·8 20·8 20·7	23·0 22·8 22·8 22·8 22·6	26.8 27.6 28.5 23.5 27.8	34·7 34·8 34·6 33·1 33·4	$32 \cdot 1$ $31 \cdot 8$ $30 \cdot 6$ $30 \cdot 2$ $30 \cdot 2$
16	33.6 33.5 31.6 31.3 31.2	28·8 28·7 28·3 28·3 28·2	24·8 24·9 24·7 24·4 24·3	23.5 23.5 23.5 23.5 23.6	23·3 23·3 23·3 23·3 23·3	22·6 22·4 22·3 22·7 22·6	21.5 21.8 21.6 21.6 21.7	20.5 20.5 21.2 21.2 21.1	22·5 22·1 22·0 22·4 22·8	28 · 2 27 · 9 29 · 3 30 · 8 33 · 0	33·2 33·3 33·3 33·6 33·8	$ 31 \cdot 2 $ $ 31 \cdot 8 $ $ 32 \cdot 1 $ $ 31 \cdot 9 $ $ 31 \cdot 4 $
21. 22. 23. 24. 25.	30·6 30·3 30·1 29·9 29·9	28·0 27·9 27·8 27·6 27·6	$24 \cdot 3$ $24 \cdot 4$ $24 \cdot 4$ $24 \cdot 7$ $24 \cdot 6$	23·8 23·8 23·7 23·9 24·2	$22 \cdot 9$ $23 \cdot 2$ $23 \cdot 7$ $23 \cdot 6$ $23 \cdot 8$	22·5 22·4 22·4 22·3 22·3	21 · 8 21 · 8 21 · 7 21 · 6 21 · 4	$21 \cdot 3$ $21 \cdot 2$ $21 \cdot 2$ $21 \cdot 3$ $22 \cdot 2$	23 · 6 24 · 1 24 · 1 24 · 1 23 · 9	33·3 33·0 35·8 32·9 33·8	$33 \cdot 5$ $33 \cdot 3$ $33 \cdot 1$ $32 \cdot 9$ $32 \cdot 7$	30·3 30·6 31·3 31·3 31·2
26. 27. 28. 29. 30.	29·8 29·8 29·8 29·9 29·8	27·6 27·3 27·1 27·0 26·8 26·6	24·6 24·6 24·5 24·3 24·2	$\begin{array}{c} 23 \cdot 9 \\ 24 \cdot 1 \\ 24 \cdot 0 \\ 24 \cdot 2 \\ 24 \cdot 0 \\ 24 \cdot 2 \end{array}$	23·8 23·6 23·4 23·4 23·5 23·3	22·2 22·0 21·9 21·8 22·0	21·3 21·3 21·3 21·2 21·1 21·2	22 · 2 22 · 6 23 · 0 22 · 8 23 · 1	23 · 8 22 · 9 23 · 5 22 · 9 23 · 3 23 · 0		32·8 31·4 30·2 30·1	30·9 30·7 30·8 30·8 30·8 31·1

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1892–93.

Table No. 701.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oet.	Nov.	Dec.	Jan.	Feb.	March.
1	31·1 33·3 32·8 35·0 41·3	23·7 23·8 23·8 23·5 23·8	24 · 8 24 · 6 24 · 6 24 · 5 24 · 4	26 · 6 26 · 5 26 · 6 26 · 6 26 · 8	23·3 23·3 23·3 23·2 23·2	23 · 7 23 · 4 23 · 1 23 · 1 22 · 9	22·7 22·5 22·3 22·4 22·6	21·9 21·8 21·9 22·2 22·8	22·7 22·8 22·7 22·5 22·8	38·1 38·3 38·2 36·8 36·8	31 · 8 31 · 7 31 · 3 31 · 4 30 · 9	31.2
6	41.9 41.9 39.7 37.3 35.1	23 · 8 23 · 8 23 · 8 23 · 9 23 · 9	24 · 3 24 · 6 24 · 6 24 · 6 24 · 6	26·8 26·6 26·2 25·9 25·8	23 · 1 23 · 1 23 · 0 23 · 1 23 · 3	22 · 8 22 · 8 22 · 8 22 · 6 22 · 7	$22 \cdot 4$ $22 \cdot 3$ $22 \cdot 6$ $22 \cdot 5$	22·3 22·3 22·5 22·7 22·7	22 · 6 22 · 6 22 · 6 22 · 6 22 · 7	35 · 8 35 · 7 35 · 6 36 · 2 36 · 5	31·3 31·9 31·3 31·3 32·6	30·8 31·0 31·1 31·4 31·3
11	31·8 29·8 29·0 26·8 25·8	24·1 24·3 24·1 24·1 23·9	24 · 3 24 · 4 24 · 3 24 · 4 24 · 4	25 · 6 25 · 5 25 · 3 25 · 2 24 · 9	$23 \cdot 6$ $24 \cdot 1$ $24 \cdot 8$ $24 \cdot 6$ $24 \cdot 7$	$22 \cdot 7$ $22 \cdot 5$ $22 \cdot 6$ $22 \cdot 6$	$\begin{array}{c} 22 \cdot 4 \\ 22 \cdot 3 \\ 22 \cdot 1 \\ 22 \cdot 0 \\ 22 \cdot 0 \end{array}$	$\begin{array}{c} 22 \cdot 4 \\ 22 \cdot 1 \\ 22 \cdot 1 \\ 21 \cdot 9 \\ 22 \cdot 2 \end{array}$	$22 \cdot 3$ $22 \cdot 6$ $22 \cdot 5$ $22 \cdot 4$ $22 \cdot 3$	36-3 35-4 35-0 35-1 35-3	33·2 32·8 32·5 32·3 32·7	31·3 31·5 32·1 32·0 32·5
16. 17. 18. 19. 20.	25 · 8 24 · 5 24 · 8 24 · 2 23 · 8	23 · 9 23 · 9 24 · 1 24 · 1 24 · 0	24·3 24·3 24·1 24·2 24·5	24 · 8 24 · 5 24 · 3 24 · 2 24 · 1	$24 \cdot 4$ $24 \cdot 1$ $24 \cdot 0$ $23 \cdot 9$ $23 \cdot 9$	22·5 22·4 22·3 22·4 22·5	$\begin{array}{c} 22 \cdot 1 \\ 22 \cdot 2 \\ 22 \cdot 0 \\ 22 \cdot 1 \\ 22 \cdot 1 \end{array}$	$22 \cdot 4$ $22 \cdot 6$ $22 \cdot 8$ $22 \cdot 8$ $23 \cdot 5$	22·6 22·4 22·3 22·3 22·3	35·6 35·2 35·4 34·8 35·0	$\begin{array}{r} 32 \cdot 1 \\ 31 \cdot 2 \\ 31 \cdot 3 \\ 31 \cdot 3 \\ 31 \cdot 6 \end{array}$	32·1 31·3 31·6 31·7 31·5
21 22 23 24 25	$23 \cdot 4$ $23 \cdot 2$ $23 \cdot 1$ $22 \cdot 6$ $23 \cdot 1$	23 · 8 24 · 5 24 · 3 24 · 3 24 · 5	25 · 8 26 · 4 26 · 5 26 · 1 26 · 0	23 · 9 23 · 8 23 · 8 23 · 8 23 · 8	23 · 8 23 · 7 23 · 6 23 · 3 23 · 3	$\begin{array}{c} 22 \cdot 3 \\ 22 \cdot 3 \\ 22 \cdot 3 \\ 22 \cdot 4 \\ 22 \cdot 3 \end{array}$	$22 \cdot 2$ $22 \cdot 1$ $23 \cdot 1$ $23 \cdot 1$ $23 \cdot 0$	23 · 8 23 · 8 23 · 8 23 · 7 23 · 4	22·3 22·3 23·3 25·5 30·8	34·0 33·6 34·0 34·2 34·3	30·2 30·3 30·3 30·8 30·7	32·2 32·3 31·7 32·1 32·8
26	23 · 2 23 · 3 23 · 2 23 · 4 23 · 8	24·3 24·5 24·7 24·8 24·9 24·9	25·9 25·8 26·0 26·5 26·3	23 · 7 23 · 7 23 · 7 23 · 6 23 · 7 23 · 5	$\begin{array}{c} 24 \cdot 2 \\ 25 \cdot 1 \\ 24 \cdot 9 \\ 24 \cdot 6 \\ 24 \cdot 2 \\ 23 \cdot 8 \end{array}$	22·6 22·8 22·8 22·8 22·7	21 · 9 21 · 9 21 · 8 21 · 8 21 · 8 21 · 6	23 · 3 23 · 2 23 · 1 23 · 0 22 · 8	33·9 37·2 38·5 38·6 38·0 38·0		30·8 30·6 31·2	32·7 33·3 33·0 33·4 33·4 33·4

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1893-94.

						, , , , , , , , , , , , , , , , , , ,				TA	BLE No	o. 702.
1	33·5 33·2 33·6 33·6 33·7	$26 \cdot 8$ $26 \cdot 3$ $26 \cdot 4$ $26 \cdot 9$ $27 \cdot 8$	$29 \cdot 6$ $29 \cdot 3$ $29 \cdot 3$ $29 \cdot 2$ $29 \cdot 1$	$26 \cdot 2$ $26 \cdot 1$ $25 \cdot 9$ $25 \cdot 9$ $25 \cdot 8$	24·3 24·2 24·1 23·9 23·8	25 · 9 25 · 3 24 · 8 24 · 7 24 · 3	22·8 22·8 22·8 22·5 22·4	22·3 22·4 22·4 22·5 22·3	$22 \cdot 3$ $22 \cdot 3$ $21 \cdot 7$ $22 \cdot 0$ $22 \cdot 3$	38 · 5 37 · 3 37 · 4 37 · 7 38 · 7	34·1 34·2 34·1 34·3 34·3	31 · 9 31 · 8 31 · 8 31 · 6 31 · 5
6	33 · 6 33 · 7 33 · 8 33 · 9 34 · 3	28·8 28·9 23·9 28·8 28·9	$\begin{array}{c} 29 \cdot 1 \\ 28 \cdot 9 \\ 28 \cdot 9 \\ 28 \cdot 8 \\ 28 \cdot 8 \end{array}$	25 · 8 25 · 7 25 · 6 25 · 5 25 · 5	24 · 0 23 · 9 23 · 8 23 · 8 23 · 7	24·1 23·8 23·7 23·6 23·5	22·4 22·3 22·4 22·3 22·8	$22 \cdot 3$ $22 \cdot 3$ $22 \cdot 3$ $22 \cdot 5$ $22 \cdot 3$	$23 \cdot 1$ $23 \cdot 3$ $23 \cdot 9$ $24 \cdot 5$ $23 \cdot 9$	38·5 37·3 37·5 37·2 36·9	34·3 34·3 33·8 33·9 33·3	31·9 33·0 34·1 34·8 34·8
11 12 13 14 15	34·4 34·6 34·7 34·9 35·3	28 · 9 28 · 7 28 · 8 29 · 2 29 · 3	28 · 9 28 · 8 28 · 7 28 · 5 28 · 4	$25 \cdot 3$ $25 \cdot 3$ $25 \cdot 3$ $25 \cdot 3$ $25 \cdot 2$	23 · 7 23 · 8 23 · 8 23 · 5 23 · 5	$23 \cdot 4$ $23 \cdot 3$ $23 \cdot 1$ $23 \cdot 0$ $22 \cdot 9$	22·5 22·4 22·3 22·3 22·4	$\begin{array}{c} 22 \cdot 1 \\ 22 \cdot 0 \\ 22 \cdot 0 \\ 22 \cdot 1 \\ 22 \cdot 1 \end{array}$	$24 \cdot 3$ $25 \cdot 1$ $26 \cdot 2$ $28 \cdot 2$ $30 \cdot 8$	36·4 36·4 35·6 35·3 35·8	33 · 8 32 · 8 31 · 3 30 · 7 31 · 1	$\begin{array}{r} 35 \cdot 1 \\ 35 \cdot 2 \\ 35 \cdot 4 \\ 35 \cdot 7 \\ 35 \cdot 8 \end{array}$
16	34·9 35·2 35·2 35·7 38·7	29·6 29·8 29·8 30·3 30·7	$28 \cdot 3$ $28 \cdot 1$ $27 \cdot 9$ $27 \cdot 8$ $27 \cdot 6$	$25 \cdot 2$ $25 \cdot 2$ $25 \cdot 2$ $25 \cdot 2$ $24 \cdot 9$	23 · 4 23 · 4 23 · 3 23 · 3 23 · 2	22 · 9 22 · 8 22 · 9 23 · 0 23 · 1	$22 \cdot 8$ $22 \cdot 7$ $22 \cdot 8$ $22 \cdot 3$ $22 \cdot 1$	$22 \cdot 1$ $21 \cdot 9$ $21 \cdot 8$ $21 \cdot 9$ $22 \cdot 0$	33 · 9 35 · 1 36 · 6 38 · 0 38 · 4	36.8 36.8 35.6 36.0 36.0	$31 \cdot 6$ $30 \cdot 8$ $31 \cdot 2$ $31 \cdot 3$ $32 \cdot 8$	$35 \cdot 7$ $35 \cdot 5$ $35 \cdot 6$ $35 \cdot 4$ $35 \cdot 7$
21 22. 23. 24. 25.	36·8 32·8 31·3 29·5 28·8	30·8 31·0 31·0 30·8 30·7	$27 \cdot 4$ $27 \cdot 2$ $27 \cdot 1$ $27 \cdot 0$ $26 \cdot 8$	24 · 7 24 · 7 24 · 8 24 · 6 24 · 4	23·1 23·0 22·8 22·8 23·3	$22 \cdot 9$ $22 \cdot 8$ $22 \cdot 8$ $22 \cdot 6$ $22 \cdot 7$	$\begin{array}{c} 22 \cdot 1 \\ 22 \cdot 0 \\ 22 \cdot 3 \\ 22 \cdot 3 \\ 22 \cdot 3 \\ 22 \cdot 3 \end{array}$	21·9 21·9 21·9 22·2 22·3	42·4 42·5 40·3 40·8 41·1	35·8 35·8 35·8 35·3 36·0	32·0 31·4 31·9 30·8 30·8	35·9 36·1 36·1 35·8 35·8
26. 27. 28. 29. 30.	28·6 28·4 28·3 28·4 27·7	39·8 30·4 30·1 30·0 29·9 29·7	26·8 26·8 26·7 26·5 26·3	24·5 24·6 24·5 24·3 24·3 24·3	23 · 4 23 · 3 23 · 3 24 · 6 24 · 9 25 · 8	22·8 22·8 22·8 22·9 22·8	22·5 22·4 22·7 22·8 22·7 22·6	21·8 21·8 21·8 21·8 22·2	40·3 38·4 39·3 39·7 39·5 37·8	34.6 .	31·3 31·9 31·8	$35 \cdot 9$ $35 \cdot 2$ $34 \cdot 8$ $35 \cdot 1$ $34 \cdot 7$ $34 \cdot 5$

6 GEORGE V, A. 1916 ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1894–95.

	TABLE No.											o. 703.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	34·2 34·2 34·3 34·1 34·1	28·3 28·3 28·6 28·4 28·4	26·3 26·4 26·8 27·0 27·1	25·8 25·5 25·8 25·4 25·4	23·5 23·3 23·3 23·3 23·0	21·9 21·8 21·9 21·8 21·8	21 · 8 21 · 9 21 · 9 21 · 8 21 · 8	22·3 22·8 22·8 22·8 22·8 22·9	21·7 21·8 21·9 21·8 21·8	32 · 9 33 · 0 32 · 8 34 · 3 36 · 0	32 · 4 33 · 0 32 · 3 31 · 3 31 · 2	28·3 28·6 28·1 27·8 27·7
6	37·1 35·8 35·1 30·6 30·0	28·7 28·4 28·7 28·8 28·8	27·1 27·1 26·9 26·8 26·4	25·3 25·3 25·3 25·3 25·3	$23 \cdot 2$ $23 \cdot 1$ $23 \cdot 1$ $23 \cdot 2$ $23 \cdot 0$	21·8 21·8 21·8 21·7 21·6	21·8 21·7 21·8 21·7 21·8	$\begin{array}{c} 22 \cdot 9 \\ 22 \cdot 7 \end{array}$	21 · 8 21 · 8 21 · 8 21 · 6 21 · 7	35 · 8 35 · 9 37 · 3 37 · 9 36 · 5	30·9 30·6 30·0 29·3 29·6	27-6 28-3 28-6
11	28 · 8 28 · 3 27 · 5 26 · 8 25 · 7	28·3 28·4 28·3 28·1 27·8	26·4 26·3 26·2 25·9 25·7	$\begin{array}{c} 25 \cdot 2 \\ 25 \cdot 1 \\ 25 \cdot 1 \\ 25 \cdot 2 \\ 25 \cdot 1 \end{array}$	22·7 22·5 22·6 22·6 22·6	21·7 21·8 21·6 21·5 21·6	21·8 21·8 21·8 22·0 22·2	$22 \cdot 8$ $22 \cdot 8$ $22 \cdot 7$ $22 \cdot 7$ $22 \cdot 8$	$\begin{array}{c} 22 \cdot 2 \\ 22 \cdot 3 \\ 22 \cdot 5 \\ 22 \cdot 6 \\ 22 \cdot 6 \end{array}$	36·1 36·5 36·5 36·1 35·3	30 · 3 30 · 8 31 · 3 30 · 6 29 · 8	29·2 29·3 29·2
16	26·3 26·6 26·6 26·1 25·8	27 · 8 27 · 3 27 · 3 27 · 3 27 · 0	25·8 25·5 25·4 25·4 25·4	25·0 24·8 24·8 24·6 24·5	$22 \cdot 7$ $22 \cdot 6$ $22 \cdot 5$ $22 \cdot 5$ $22 \cdot 4$	21·8 21·7 21·7 21·8 22·0	$22 \cdot 0$ $22 \cdot 3$ $22 \cdot 4$ $22 \cdot 4$ $22 \cdot 5$	$22 \cdot 7$ $22 \cdot 8$ $22 \cdot 8$ $22 \cdot 5$ $22 \cdot 5$	$\begin{array}{c} 22 \cdot 5 \\ 22 \cdot 3 \\ 22 \cdot 3 \\ 22 \cdot 1 \\ 22 \cdot 1 \end{array}$	35.0 34.6 33.8 33.3 32.7	30·0 29·8 29·8 30·3 29·3	28·3 28·3 28·5
21	25·9 26·6 26·8 27·3 27·7	26·8 26·7 26·8 26·8	25·6 25·7 25·8 25·9 25·8	$\begin{array}{c} 24 \cdot 7 \\ 24 \cdot 5 \\ 24 \cdot 2 \\ 24 \cdot 1 \\ 24 \cdot 0 \end{array}$	$\begin{array}{c} 22 \cdot 3 \\ 22 \cdot 2 \\ 22 \cdot 1 \\ 22 \cdot 1 \\ 22 \cdot 2 \end{array}$	21·9 21·8 21·7 21·8 21·9	$22 \cdot 7$ $22 \cdot 6$ $22 \cdot 4$ $22 \cdot 4$ $22 \cdot 5$	$\begin{array}{c} 22 \cdot 1 \\ 22 \cdot 3 \end{array}$	$\begin{array}{c} 22 \cdot 1 \\ 22 \cdot 0 \\ 21 \cdot 7 \\ 21 \cdot 6 \\ 21 \cdot 5 \end{array}$	33·3 34·5 34·9 34·6 33·3	29·2 30·0 29·1 28·7 29·2	28·8 28·8 28·7
26	27.8 27.9 28.3 28.4 28.3	26·6 26·5 26·4 26·5 26·4 26·3	25·8 25·7 25·9 26·0 25·8	24·0 23·8 23·8 23·3 23·5 23·6	$\begin{array}{c} 22 \cdot 1 \\ 22 \cdot 1 \\ 22 \cdot 0 \\ 21 \cdot 9 \\ 21 \cdot 9 \\ 21 \cdot 8 \end{array}$		22·6 22·4 22·3 22·3 22·5 22·3	22·3 22·2 22·3 22·0 21·6	$21 \cdot 9$ $22 \cdot 4$ $25 \cdot 0$ $28 \cdot 5$ $31 \cdot 7$ $32 \cdot 8$	32·8 33·1 33·6 32·6 33·1 32·8	29·1 29·3 29·6	

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1895–96.

										TAI	BLE No	. 704.
1	30·1 30·2 30·2 30·2 30·2	26·6 26·3 26·2 26·3 26·3	$24 \cdot 9$ $24 \cdot 9$ $25 \cdot 1$ $25 \cdot 0$ $24 \cdot 8$	$22 \cdot 8$ $22 \cdot 7$ $22 \cdot 4$ $22 \cdot 3$ $22 \cdot 2$	20·8 20·8 20·8 20·8 20·8	20 · 6 20 · 5 20 · 4 20 · 4 20 · 4	19·8 19·8 19·9 19·9 19·8	18·9 19·0 18·8 18·9 18·8	20·8 20·7 20·6 20·3 20·6	24·3 24·7 24·6 24·8 25·1	34·3 34·2 34·0 33·3 33·3	33·2 33·1 33·1 32·3 32·3
6	$30 \cdot 4$ $30 \cdot 3$ $31 \cdot 5$ $34 \cdot 0$ $37 \cdot 7$	26·3 26·3 26·4 26·6 26·7	$\begin{array}{c} 24 \cdot 8 \\ 25 \cdot 0 \\ 24 \cdot 9 \\ 2 \cdot 9 \\ 24 \cdot 8 \end{array}$	$\begin{array}{c} 22 \cdot 1 \\ 22 \cdot 0 \\ 21 \cdot 9 \\ 21 \cdot 8 \\ 21 \cdot 8 \end{array}$	$20 \cdot 7$ $20 \cdot 7$ $20 \cdot 7$ $20 \cdot 8$ $20 \cdot 8$	$20 \cdot 5$ $20 \cdot 4$ $20 \cdot 3$ $20 \cdot 3$ $20 \cdot 3$	19·8 19·7 19·6 19·6 19·6	18·8 18·8 18·9 19·3 19·3	21·3 21·9 22·4 23·3 23·8	26·4 29·3 32·7 34·3 33·7	34·1 34·8 34·5 33·6 33·5	$\begin{array}{r} 32 \cdot 2 \\ 32 \cdot 9 \\ 32 \cdot 9 \\ 32 \cdot 1 \\ 31 \cdot 7 \end{array}$
11	39·8 39·3 38·6 37·3 37·0	26·8 26·8 27·2 27·1 27·2	$24 \cdot 8$ $24 \cdot 6$ $24 \cdot 5$ $24 \cdot 2$ $24 \cdot 2$	21·7 21·4 21·4 21·5 21·3	21.0 20.8 20.8 20.8 20.8 20.8	$20 \cdot 3$ $20 \cdot 3$ $20 \cdot 3$ $20 \cdot 1$ $19 \cdot 9$	19·3 19·3 19·5 19·5 19·3	19·3 19·3 19·3 19·3 19·3	23·8 24·8 27·6 30·8 32·7	36·2 33·8 34·8 36·5 37·6	33.6 33.7 32.8 33.2 32.8	32·2 32·2 31·6 31·2 31·3
16	35·6 34·3 32·6 31·1 29·8	26·8 26·5 26·3 26·2 26·0	$24 \cdot 1$ $23 \cdot 8$ $23 \cdot 7$ $23 \cdot 6$ $23 \cdot 6$	$\begin{array}{c} 21 \cdot 3 \\ 21 \cdot 2 \\ 21 \cdot 2 \\ 21 \cdot 1 \\ 21 \cdot 0 \end{array}$	20·8 20·7 20·8 21·0 20·8	19·8 19·9 20·0 19·9 19·9	19·2 19·3 19·3 19·2 19·3	19·4 19·5 19·6 19·8 19·8	33 · 7 33 · 4 34 · 6 35 · 1 34 · 7	38·1 39·1 37·8 36·9 36·5	32.8 33.2 32.5 32.0 33.1	31·5 32·0 31·3 31·8 31·3
21	27·6 26·4 26·4 26·6 26·8	25·8 25·5 25·3 25·3 25·2	23 · 6 23 · 6 23 · 4 23 · 6 23 · 5	$21 \cdot 2$ $20 \cdot 9$ $21 \cdot 0$ $21 \cdot 0$ $21 \cdot 0$	$21 \cdot 0$ $20 \cdot 9$ $20 \cdot 8$ $21 \cdot 1$ $21 \cdot 3$	19·9 19·9 20·0 19·9 19·8	19·6 19·2 19·4 19·3 19·2	19·8 19·4 19·4 19·3 19·2	$32 \cdot 3$ $30 \cdot 6$ $28 \cdot 6$ $28 \cdot 4$ $27 \cdot 6$	36·5 36·6 35·9 34·5 34·4	32·8 31·9 32·3 33·5 33·2	30·6 31·3 30·1 30·4 29·8
26 27 28 29 30 31	26-8 26-8 26-7 26-6 26-6	24·9 24·8 24·9 25·1 25·0 25·1	23·6 23·3 23·3 23·3 23·0	21·0 20·9 21·0 20·8 20·8 20·8	$21 \cdot 2$ $21 \cdot 2$ $21 \cdot 1$ $21 \cdot 0$ $20 \cdot 8$ $20 \cdot 6$.	19·6 19·8 19·8 19·4 19·7	19·2 19·0 18·8 19·0 19·1 18·9	19·4 20·3 20·8 21·1 21·1	$27 \cdot 1$ $25 \cdot 4$ $25 \cdot 7$ $25 \cdot 5$ $25 \cdot 1$ $24 \cdot 3$		31·8 31·3 32·1 33·3	31·0 31·1 30·3 30·1 31·3 31·5

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1896-97.

										TA	BLE N	o. 705.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	32·1 33·1 33·4 33·8 33·5	28 · 6 28 · 2 28 · 0 27 · 6 27 · 6	24·3 24·2 23·9 23·8 23·8	22·3 22·2 22·3 22·3 22·2	21·5 21·3 21·3 21·3 21·4	20 · 6 20 · 4 20 · 3 20 · 4 20 · 3	20·1 20·5 20·7 20·5 20·4	20·1 20·1 20·3 20·3 20·2	22·6 22·3 22·3 22·3 22·1	35·1 35·0 35·8 34·9 34·0	31·7 32·2 31·1 29·8 29·8	28·2 28·8 28·3
6	33·7 33·5 33·6 33·7 34·0	$27 \cdot 8$ $27 \cdot 4$ $27 \cdot 1$ $27 \cdot 0$ $27 \cdot 0$	23 · 8 23 · 9 23 · 9 24 · 3 24 · 3	$\begin{array}{c} 22 \cdot 1 \\ 22 \cdot 2 \\ 22 \cdot 2 \\ 22 \cdot 2 \\ 22 \cdot 1 \end{array}$	$21 \cdot 4$ $21 \cdot 4$ $21 \cdot 4$ $21 \cdot 3$ $21 \cdot 3$	20·3 20·4 20·7 20·7 20·7	20·5 20·7 20·8 20·8 20·8	20.8 21.4 21.7 21.8 21.8	$\begin{array}{c} 22 \cdot 2 \\ 22 \cdot 3 \\ 22 \cdot 1 \\ 22 \cdot 1 \\ 21 \cdot 8 \end{array}$	32·8 33·8 34·4 34·3 34·3	29·8 30·6 31·6 31·1 29·8	28 · 6 27 · 8 27 · 8
11 12 13 14 15	34·7 37·4 37·8 42·8 43·3	$27 \cdot 1$ $27 \cdot 0$ $26 \cdot 8$ $26 \cdot 7$ $26 \cdot 6$	24·3 24·5 24·4 24·3 24·2	$\begin{array}{c} 22 \cdot 1 \\ 22 \cdot 0 \\ 22 \cdot 2 \\ 22 \cdot 3 \\ 22 \cdot 3 \end{array}$	21·4 21·4 21·5 21·4 21·3	20 · 6 20 · 6 20 · 8 20 · 3 20 · 2	$20 \cdot 7$ $20 \cdot 7$ $20 \cdot 7$ $20 \cdot 3$ $20 \cdot 2$	21 · 6 21 · 8 21 · 8 21 · 8 21 · 8	21·8 21·7 21·6 21·6 21·5	33·4 34·1 32·8 33·1 33·0	29 · 4 28 · 9 28 · 1 28 · 4 28 · 8	28·8 29·1 29·6 29·1 28·6
16 17 18 19 20	43·4 41·0 39·7 39·1 38·4	$26 \cdot 2$ $26 \cdot 0$ $25 \cdot 7$ $25 \cdot 8$ $25 \cdot 4$	$24 \cdot 1$ $23 \cdot 9$ $23 \cdot 8$ $23 \cdot 7$ $23 \cdot 5$	$22 \cdot 2$ $22 \cdot 2$ $22 \cdot 0$ $22 \cdot 0$ $21 \cdot 8$	$21 \cdot 3$ $21 \cdot 3$ $21 \cdot 2$ $21 \cdot 1$ $20 \cdot 9$	$\begin{array}{c} 20 \cdot 2 \\ 20 \cdot 1 \end{array}$	$20 \cdot 2$ $20 \cdot 2$ $20 \cdot 1$ $20 \cdot 1$ $19 \cdot 9$	$\begin{array}{c} 21 \cdot 9 \\ 21 \cdot 8 \\ 22 \cdot 1 \\ 22 \cdot 1 \\ 22 \cdot 1 \end{array}$	21 · 8 21 · 8 21 · 9 22 · 6 23 · 1	32·6 33·6 34·2 32·8 31·7	30·2 30·0 30·1 29·4 28·6	28·3 28·4 29·3 29·8 29·7
21 22 23 24 25	36·3 34·7 33·4 33·1 32·3	25·1 24·8 24·8 24·5 24·3	23 · 4 23 · 3 23 · 3 23 · 2 22 · 9	21 · 8 21 · 9 21 · 8 21 · 8 21 · 7	20 · 8 20 · 9 20 · 7 21 · 0 21 · 0	20 · 1 20 · 4 20 · 4 20 · 3 20 · 3	$20 \cdot 1$ $20 \cdot 3$ $20 \cdot 3$ $20 \cdot 3$ $20 \cdot 4$	21·9 21·9 21·9 21·8 22·1	23 · 8 25 · 9 27 · 8 28 · 8 32 · 3	$31 \cdot 8$ $32 \cdot 2$ $32 \cdot 7$ $31 \cdot 5$ $31 \cdot 4$	28·4 28·3 28·3 28·8 28·8	30·2 30·8 31·3 31·6 31·8
26	31·7 30·7 29·8 29·5 29·0	24·1 24·3 24·3 24·3 24·3 24·3 24·4	22·8 22·8 22·5 22·5 22·4	$21 \cdot 7$ $21 \cdot 7$ $21 \cdot 8$ $21 \cdot 7$ $21 \cdot 6$ $21 \cdot 7$	20·9 20·9 20·9 20·8 20·4 20·7	20·3 20·3 20·3 20·2 20·1	$20 \cdot 2$ $20 \cdot 3$ $20 \cdot 3$ $20 \cdot 1$ $20 \cdot 1$ $20 \cdot 1$	22·5 22·2 22·4 22·5 22·7	$\begin{array}{c} 35 \cdot 5 \\ 35 \cdot 0 \\ 36 \cdot 2 \\ 36 \cdot 0 \\ 37 \cdot 2 \\ 35 \cdot 3 \end{array}$	$31 \cdot 3$ $30 \cdot 8$ $32 \cdot 0$ $32 \cdot 1$ $31 \cdot 1$ $30 \cdot 8$	28·1 28·1 27·8	31·7 31·8 31·8 31·7 31·8 31·9

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1897-98.

						-				1 / 1	OLE NO	. 100.
1	32.0 32.0 31.8 34.2 33.6	28·5 28·7 28·8 29·0 28·9	$\begin{array}{c} 27 \cdot 0 \\ 26 \cdot 8 \\ 26 \cdot 6 \\ 26 \cdot 4 \\ 26 \cdot 3 \end{array}$	24·0 23·9 23·9 23·8 23·6	23·1 23·2 23·0 23·0 22·8	$\begin{array}{c} 22 \cdot 0 \\ 22 \cdot 1 \\ 22 \cdot 0 \\ 21 \cdot 8 \\ 21 \cdot 5 \end{array}$	$20 \cdot 7$ $20 \cdot 7$ $20 \cdot 3$ $19 \cdot 9$ $20 \cdot 0$	$20 \cdot 1$ $20 \cdot 7$ $20 \cdot 3$ $20 \cdot 0$ $20 \cdot 3$	20·7 20·7 20·6 20·4 20·3	33·3 34·0 36·3 36·8 37·1	33·3 33·2 32·5 32·2 32·7	32·0 32·1 32·3 32·2 32·3
6	33.7 34.1 36.7 38.0 36.2	$28 \cdot 9$ $28 \cdot 8$ $28 \cdot 4$ $28 \cdot 2$ $28 \cdot 1$	$26 \cdot 2$ $26 \cdot 2$ $25 \cdot 8$ $25 \cdot 7$ $25 \cdot 6$	$23 \cdot 6$ $23 \cdot 4$ $23 \cdot 3$ $23 \cdot 1$ $23 \cdot 2$	$22 \cdot 6$ $22 \cdot 3$ $22 \cdot 3$ $22 \cdot 2$ $22 \cdot 2$	21.5 21.6 21.3 21.3 21.3	$20 \cdot 0$ $20 \cdot 3$ $20 \cdot 1$ $20 \cdot 2$ $20 \cdot 0$	20·3 20·5 20·6 20·6 20·6	20 · 3 20 · 5 20 · 8 20 · 9 20 · 9	$37 \cdot 6$ $38 \cdot 3$ $37 \cdot 4$ $36 \cdot 8$ $36 \cdot 2$	33·4 33·3 33·2 33·0 33·4	$32 \cdot 1$ $32 \cdot 0$ $32 \cdot 2$ $32 \cdot 0$ $31 \cdot 9$
11 12 13 14 15	$33 \cdot 7$ $32 \cdot 0$ $32 \cdot 3$ $28 \cdot 8$ $28 \cdot 1$	27 · 9 27 · 8 27 · 6 27 · 4 27 · 3	$25 \cdot 4$ $25 \cdot 3$ $25 \cdot 5$ $25 \cdot 7$ $25 \cdot 7$	22·8 23·2 23·6 23·5 23·4	22·2 22·3 22·3 22·3 22·3 22·3	$\begin{array}{c} 21 \cdot 6 \\ 21 \cdot 3 \end{array}$	$19 \cdot 9$ $19 \cdot 7$ $20 \cdot 2$ $20 \cdot 2$ $20 \cdot 1$	20·5 20·9 20·8 20·8 20·8	20·8 21·3 21·3 21·4 21·8	$35 \cdot 9$ $35 \cdot 2$ $35 \cdot 5$ $35 \cdot 6$ $35 \cdot 7$	33·5 33·3 32·9 33·0 33·6	$31 \cdot 9$ $32 \cdot 1$ $33 \cdot 3$ $35 \cdot 0$ $36 \cdot 1$
16	27·7 27·3 26·6 25·8 25·8	$\begin{array}{c} 27 \cdot 3 \\ 27 \cdot 3 \\ 27 \cdot 2 \\ 27 \cdot 1 \\ 26 \cdot 9 \end{array}$	$25 \cdot 7$ $25 \cdot 6$ $25 \cdot 6$ $25 \cdot 3$ $25 \cdot 2$	23 · 6 23 · 7 23 · 5 23 · 2 23 · 0	$22 \cdot 4$ $22 \cdot 4$ $22 \cdot 3$ $22 \cdot 3$ $22 \cdot 3$	$21 \cdot 2$ $21 \cdot 2$ $21 \cdot 0$ $20 \cdot 8$ $21 \cdot 0$	20 · 2 20 · 0 19 · 9 19 · 8 19 · 8	20·3 20·3 20·3 20·3 20·3	$22 \cdot 3$ $22 \cdot 4$ $22 \cdot 6$ $22 \cdot 1$ $22 \cdot 1$	35·5 34·9 34·8 34·8 34·8	33·8 33·0 31·5 31·4 32·3	$37 \cdot 1$ $37 \cdot 5$ $37 \cdot 9$ $42 \cdot 4$ $46 \cdot 4$
21	25·3 24·9 24·6 24·4 24·7	$26 \cdot 9$ $26 \cdot 8$ $27 \cdot 0$ $27 \cdot 1$ $27 \cdot 6$	$24 \cdot 8$ $24 \cdot 6$ $24 \cdot 5$ $24 \cdot 6$ $24 \cdot 4$	22·8 22·6 22·6 22·8 22·8	$\begin{array}{c} 22 \cdot 1 \\ 22 \cdot 3 \\ 22 \cdot 2 \\ 22 \cdot 1 \\ 21 \cdot 9 \end{array}$	20·8 20·7 20·6 20·6 20·4	19·8 19·8 19·8 19·8 19·9	20·3 20·3 20·3 19·9 19·9	$22 \cdot 7$ $22 \cdot 4$ $23 \cdot 8$ $24 \cdot 5$ $25 \cdot 7$	$34 \cdot 6$ $34 \cdot 5$ $34 \cdot 3$ $34 \cdot 5$ $34 \cdot 1$	32·3 31·8 31·7 32·3 33·1	$\begin{array}{r} 45 \cdot 3 \\ 44 \cdot 2 \\ 44 \cdot 7 \\ 42 \cdot 9 \\ 40 \cdot 5 \end{array}$
26. 27. 28. 29. 30. 31.	25·0 26·3 26·8 27·5 28·0	$\begin{array}{c} 27 \cdot 5 \\ 27 \cdot 6 \\ 27 \cdot 5 \\ 27 \cdot 6 \\ 27 \cdot 4 \\ 27 \cdot 2 \end{array}.$	24·3 24·2 23·9 24·0 24·1	22·8 22·5 22·3 22·4 22·8 22·9	$\begin{array}{c} 22 \cdot 1 \\ 22 \cdot 1 \end{array}.$	20·7 20·7 20·7 20·6 20·5	20·0 20·0 20·0 20·3 20·3 20·2	20·3 20·8 20·6 20·5 20·8	27·1 29·3 29·4 30·3 32·2 32·8	34·3 34·2 33·5 33·7 33·1 33·2	32·9 33·1 32·7	37·7 35·1 32·9 32·2 31·0 30·3

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1898-99.

Table No. 707.

											ADD	210. 101.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	29·8 29·4 29·2 28·8 28·4	25·0 25·0 25·1 24·8 24·9	25·1 25·1 25·2 25·3 25·0	24·3 24·3 24·3 24·3 24·3	22·1 22·1 22·0 21·8 21·9	21 · 6 21 · 4 21 · 6 21 · 4 21 · 3	21·3 21·3 21·1 21·2 21·3	22·7 22·3 22·4 22·3 22·1	21·6 21·5 21·6 21·6 21·8	37·1 36·6 36·5 37·1 42·2	34·1 33·8 33·4 33·2 33·3	31·8 31·3 31·5 31·4 31·3
6	27.5 26.8 26.1 25.5 25.2	24·8 24·8 24·8 24·7 24·8	24 · 9 24 · 8 24 · 6 24 · 4 24 · 4	24 · 2 23 · 9 23 · 8 23 · 9 23 · 8	21·9 21·8 21·8 21·8 21·8	21·3 21·2 21·3 21·3 21·4	21·1 20·8 20·8 20·8 20·6	$\begin{array}{c} 22 \cdot 1 \\ 22 \cdot 1 \\ 21 \cdot 8 \\ 22 \cdot 0 \\ 22 \cdot 0 \end{array}$	21·4 21·3 21·4 21·3 21·3	39·1 38·3 38·5 38·5 37·3	33 · 2 33 · 1 32 · 6 32 · 6 32 · 2	31·1 30·9 30·7
11. 12. 13. 14. 15.	24 · 9 24 · 7 24 · 5 24 · 5 24 · 3	24 · 8 24 · 6 24 · 5 24 · 4 24 · 3	24 · 3 24 · 2 24 · 1 24 · 1 24 · 2	$23 \cdot 6$ $23 \cdot 3$ $23 \cdot 2$ $23 \cdot 0$ $22 \cdot 9$	21 · 8 21 · 6 21 · 6 21 · 6 21 · 6	21·2 21·1 21·1 21·0 21·0	20·3 20·4 20·8 20·8 21·2	21·8 21·7 21·6 21·8 22·0	21 · 8 21 · 9 23 · 2 23 · 6 24 · 9	36·6 35·3 35·1 35·2 36·4	30·8 31·0 30·9 31·3 31·0	31·3 31·3 31·6
16	24 · 2 24 · 2 24 · 2 24 · 2 24 · 2 24 · 2	24 · 2 24 · 2 24 · 2 24 · 1 24 · 3	24 · 0 23 · 9 23 · 8 23 · 9 23 · 8	22 · 8 22 · 7 22 · 6 22 · 6 22 · 6	21·4 21·7 21·8 21·8 21·7	20·9 21·0 21·1 21·1 21·1	21·6 21·6 21·4 21·2 21·3	$22 \cdot 1$ $22 \cdot 3$ $22 \cdot 3$ $22 \cdot 5$ $22 \cdot 5$	26·3 27·6 27·9 27·6 27·9	37·1 36·9 37·1 35·7 35·7	31.6 32.7 32.4 32.0 31.7	35·0 34·0 34·1 33·5 32·6
21	24·4 24·7 24·8 24·8 25·1	$24 \cdot 2$ $24 \cdot 1$ $23 \cdot 9$ $24 \cdot 1$ $24 \cdot 3$	23 · 8 23 · 9 23 · 8 23 · 6 23 · 6	22·8 22·7 22·5 22·3 22·3	21·7 21·7 21·8 21·7 21·7	20·9 20·7 20·8 21·6 21·3	21·5 21·6 21·8 21·9 22·1	22·4 22·3 22·3 22·3 22·2	28 · 8 29 · 6 29 · 8 29 · 3 29 · 3	36·1 36·5 36·0 35·6 35·2	31 · 8 31 · 8 31 · 9 31 · 3 30 · 7	33·3 33·3 33·3
26 27 28 29 30 31	25·1 25·0 25·0 25·2 25·1	$24 \cdot 4$ $24 \cdot 7$ $24 \cdot 8$ $24 \cdot 8$ $24 \cdot 9$ $25 \cdot 0$	23·7 23·8 23·9 24·1 24·1	$22 \cdot 3$ $22 \cdot 3$ $22 \cdot 2$ $22 \cdot 1$ $22 \cdot 1$ $22 \cdot 1$	$21 \cdot 6$ $21 \cdot 6$ $21 \cdot 6$ $21 \cdot 4$ $21 \cdot 6$ $21 \cdot 6$	21·1 21·4 21·3 21·3 21·2	22·3 22·0 22·3 22·4 22·6 22·7	22·0 21·9 21·7 21·6 21·6	29·8 29·6 30·3 32·3 34·1 35·1	34·1 34·3 33·7 33·7 33·3 33·5		33 · 6 33 · 5 33 · 5 33 · 4

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1899-1900.

LEEVATION	3 450 1		2.01 %	r. Lav	vience		rat Lt	/W C1 1	24C11111		BLE N	
1	33·7 33·4 33·6 33·8 33·5	28 · 9 29 · 3 29 · 8 29 · 8 29 · 8	$26 \cdot 1$ $26 \cdot 1$ $26 \cdot 2$ $26 \cdot 1$ $26 \cdot 1$	23 · 3 23 · 3 23 · 2 23 · 2 22 · 2	22·4 22·3 22·3 22·3 22·3 23·3	$21 \cdot 0$ $20 \cdot 8$ $20 \cdot 8$ $20 \cdot 7$ $20 \cdot 6$	21 · 1 21 · 3 21 · 6 21 · 6 21 · 6	21·1 21·3 21·3 21·3 21·3 21·3	20·3 20·3 20·6 20·8 20·7	24 · 6 25 · 6 27 · 2 29 · 7 30 · 4	33·0 32·8 32·9 32·9 32·9	32·8 32·3 32·3 32·2 32·1
6	33·5 33·5 33·6 34·2 34·7	29·9 30·0 30·0 30·0 29·8	$26 \cdot 0$ $26 \cdot 3$ $26 \cdot 1$ $25 \cdot 9$ $25 \cdot 8$	$23 \cdot 2$ $23 \cdot 2$ $23 \cdot 1$ $23 \cdot 5$ $23 \cdot 8$	$\begin{array}{c} 22 \cdot 3 \\ 22 \cdot 3 \\ 22 \cdot 2 \\ 22 \cdot 0 \\ 21 \cdot 8 \end{array}$	20·7 20·6 20·5 20·5 20·4	21·8 21·8 21·6 21·6 21·4	$21 \cdot 5$ $21 \cdot 4$ $21 \cdot 3$ $21 \cdot 1$ $21 \cdot 0$	$20 \cdot 7$ $20 \cdot 5$ $20 \cdot 5$ $20 \cdot 5$ $20 \cdot 3$	31·6 32·6 32·4 32·9 33·1	32·5 31·9 31·9 33·9 33·4	32·3 32·4 32·4 33·3 33·7
11	34·7 36·5 36·3 35·8 35·6	29·3 29·3 29·2 28·8 28·7	25·7 25·4 25·3 25·3 25·3	23 · 8 24 · 0 24 · 0 23 · 9 23 · 9	$21 \cdot 7$ $21 \cdot 7$ $21 \cdot 7$ $21 \cdot 7$ $21 \cdot 6$	$20 \cdot 3$ $20 \cdot 3$ $20 \cdot 4$ $20 \cdot 3$ $20 \cdot 3$	$21 \cdot 3$ $21 \cdot 3$ $21 \cdot 1$ $20 \cdot 8$ $20 \cdot 8$	$21 \cdot 0$ $20 \cdot 8$ $20 \cdot 8$ $20 \cdot 7$ $20 \cdot 5$	$\begin{array}{c} 20 \cdot 1 \\ 20 \cdot 1 \\ 21 \cdot 3 \\ 22 \cdot 0 \\ 22 \cdot 3 \end{array}$	$33 \cdot 7$ $35 \cdot 2$ $36 \cdot 8$ $36 \cdot 2$ $35 \cdot 9$	33·3 33·2 33·6 36·9 36·3	32·4 32·2 32·0 32·3 32·3
16	36·8 38·9 42·3 41·8 41·9	28·5 28·3 27·8 27·6 27·5	$\begin{array}{c} 25 \cdot 2 \\ 25 \cdot 0 \\ 24 \cdot 7 \\ 24 \cdot 6 \\ 24 \cdot 6 \end{array}$	23 · 8 23 · 6 23 · 5 23 · 4 23 · 2	21·3 21·2 21·1 21·1 21·1	$20 \cdot 2$ $20 \cdot 3$ $20 \cdot 3$ $20 \cdot 5$ $20 \cdot 8$	20·8 20·5 20·8 20·8 20·9	$20 \cdot 6$ $20 \cdot 7$ $20 \cdot 5$ $20 \cdot 7$ $20 \cdot 8$	21·7 21·7 21·7 21·8 21·8	35·3 35·0 33·9 33·9 35·3	$36 \cdot 0$ $36 \cdot 0$ $35 \cdot 1$ $35 \cdot 0$ $34 \cdot 2$	$32 \cdot 1$ $31 \cdot 8$ $32 \cdot 1$ $32 \cdot 5$ $32 \cdot 9$
21	36·9 35·0 33·4 32·1 29·4	27·3 27·1 26·8 26·5 26·3	24 · 6 24 · 4 24 · 3 24 · 2 24 · 2	23 · 3 23 · 4 23 · 3 23 · 1 23 · 0	$21 \cdot 2$ $21 \cdot 3$ $21 \cdot 7$ $21 \cdot 7$ $21 \cdot 5$	$20 \cdot 6$ $20 \cdot 4$ $20 \cdot 5$ $20 \cdot 3$ $20 \cdot 1$	20·8 20·7 20·6 20·7 20·5	20 · 6 20 · 5 20 · 5 20 · 4 20 · 3	22·3 22·6 22·4 22·3 22·3	35·3 34·8 35·4 33·9 32·8	$34 \cdot 2$ $34 \cdot 2$ $33 \cdot 8$ $33 \cdot 5$ $33 \cdot 6$	32·3 31·8 32·6 31·8 31·8
26 27 28 29 30 31	29·0 28·5 28·6 28·6 28·8	26·1 26·1 26·2 26·1 26·0 26·1	24·1 24·1 24·0 23·8 23·7	$23 \cdot 0$ $22 \cdot 9$ $22 \cdot 8$ $22 \cdot 8$ $22 \cdot 3$ $22 \cdot 5$	$\begin{array}{c} 21 \cdot 4 \\ 21 \cdot 2 \\ 21 \cdot 0 \\ 20 \cdot 9 \\ 20 \cdot 8 \\ 20 \cdot 8 \end{array}$	20·8 20·6 20·6 20·7 20·9	20·5 20·7 20·6 20·6 20·6 20·8	20·2 20·0 20·0 20·1 20·2	22·3 22·0 21·8 21·8 21·6 21·6	33-4	32·9 31·8 31·8	32·1 32·6 32·5 32·3 32·3 32·3

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1900-01.

TABLE No. 709.

										-		101 100.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	32·4 32·9 33·3 34·6 34·7	27·8 27·6 27·4 27·3 27·1	24·5 24·7 25·1 25·6 25·6	22·7 22·6 22·5 22·6 22·5	23·6 23·3 23·3 23·1 22·7	21·7 21·5 21·4 21·5 21·3	21·5 21·5 21·3 21·3 21·3	20·7 20·6 20·8 20·8 21·0	22·3 22·3 22·3 22·4 23·5	35·1 33·2 32·3 33·2 33·7	32·3 32·1 31·8 31·9 32·0	29·8 31·9 31·8 31·1 30·9
6 7 8 9	34 · 9 35 · 3 37 · 2 39 · 9 39 · 4	26·8 26·6 26·3 26·3 26·3	25 · 4 25 · 1 24 · 8 24 · 8 24 · 6	$22 \cdot 6$ $22 \cdot 7$ $22 \cdot 8$ $22 \cdot 9$ $23 \cdot 1$	22 · 8 22 · 9 23 · 0 23 · 1 23 · 1	21 · 3 21 · 5 21 · 4 21 · 3 21 · 3	21·7 21·6 21·6 21·8 21·8	21·1 21·3 21·7 21·7	$22 \cdot 8$ $22 \cdot 6$ $22 \cdot 4$ $22 \cdot 3$ $22 \cdot 0$	33·7 33·8 34·0 35·3 34·3	31·4 30·3 30·3 30·6 31·7	30·0 29·9 30·7 30·8 30·8
11	38·5 42·3 41·6 40·0 39·3	$26 \cdot 3$ $26 \cdot 2$ $26 \cdot 1$ $26 \cdot 0$ $25 \cdot 9$	24 · 4 24 · 5 24 · 3 24 · 0 24 · 0	23·3 23·3 23·5 23·9 23·9	$23 \cdot 1$ $23 \cdot 1$ $23 \cdot 1$ $23 \cdot 0$ $22 \cdot 9$	21·3 21·2 21·3 21·3 21·3	21·8 21·7 21·7 21·7 21·7	21·3 21·3 21·3 21·3 21·1	22·8 23·3 24·6 24·8 25·8	33 · 8 33 · 4 33 · 1 32 · 8 33 · 1	30·8 31·7 31·8 31·3 30·8	30·5 30·6 30·4 30·3 30·6
16	39·2 39·6 35·2 32·6 31·4	$26 \cdot 0$ $26 \cdot 0$ $26 \cdot 1$ $26 \cdot 3$ $26 \cdot 2$	23 · 9 23 · 8 23 · 8 23 · 6 23 · 3	23·9 24·3 24·5 24·8 24·8	22·9 22·9 22·9 22·8 22·5	21·3 21·2 21·5 21·3 21·2	21 · 6 21 · 6 21 · 3 21 · 4 21 · 3	21 · 1 20 · 9 21 · 1 21 · 4 21 · 8	$27 \cdot 1$ $28 \cdot 9$ $29 \cdot 9$ $30 \cdot 2$ $30 \cdot 8$	33 · 6 34 · 3 33 · 6 32 · 4 31 · 8	30·3 31·8 31·7 31·6 32·5	30·1 30·8 30·8 30·2 30·1
21 22 23 24 25	30·1 28·8 28·3 28·4 28·4	26·0 25·8 25·7 25·8 25·5	23·2 23·2 23·1 22·8 22·8	24·7 24·4 24·3 24·0 24·0	$22 \cdot 4$ $22 \cdot 3$ $22 \cdot 1$ $22 \cdot 0$ $22 \cdot 0$	21·3 21·4 21·5 21·6 21·6	21·1 21·1 21·2 21·3 21·3	22·7 23·8 24·3 24·2 24·1	30 · 8 30 · 8 31 · 0 30 · 9 30 · 1	31·3 32·1 32·1 32·1 32·7	31·8 31·1 31·3 31·6 31·0	30·3 30·2 30·3 31·0 31·0
26. 27. 28. 29. 30. 31.	28·4 28·4 28·3 28·1 27·8	25·2 25·2 25·3 24·9 24·7 24·5	22·8 22·8 23·0 23·0 22·8	23·9 23·8 23·6 23·6 23·4 23·4	$22 \cdot 0$ $22 \cdot 0$ $22 \cdot 0$ $21 \cdot 9$ $21 \cdot 9$	21.6 21.7 21.7 21.6 21.6	$\begin{array}{c} 21 \cdot 2 \\ 21 \cdot 1 \\ 21 \cdot 0 \\ 21 \cdot 1 \\ 21 \cdot 3 \\ 21 \cdot 1 \end{array}$	24·0 23·6 22·8 22·6 22·3	$29 \cdot 6$ $30 \cdot 0$ $31 \cdot 1$ $31 \cdot 6$ $32 \cdot 3$ $34 \cdot 8$	33·2 33·5 32·8 32·7 31·6 32·2	31·3 30·2 29·9	31·0 31·7 32·4 32·8 32·8 32·7

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1901-02.

TABLE No. 710. $\begin{array}{c} 21 \cdot 8 \\ 21 \cdot 8 \\ 21 \cdot 3 \\ 21 \cdot 7 \end{array}$ 32.7 28-2 24.9 $20 \cdot 2$ 19.8 20-1 33 - 4 $30 \cdot 2 \\ 30 \cdot 5 \\ 31 \cdot 0$ 23·1 23·0 23·0 23·2 23·2 32·6 32·5 19·9 19·8 20.2 28 - 1 24 · 9 25 · 0 25 · 3 20.0 35.8 28.6 28 · 1 28 · 1 20.3 35.8 20.3 31.4 33.5 30.6 27·8 27·6 27·4 27·3 6...... 7.... 34-6 $25 \cdot 3 \\ 25 \cdot 3$ $23 \cdot 3$ $23 \cdot 1$ $23 \cdot 2$ $21.7 \\ 21.7$ 20.9 20.1 21-1 31 - 1 19.7 36.3 31.8 36·7 37·6 35.9 20.1 31.2 32.0 8.... 9.... 10.... 21.4 20.7 20.0 19.6 35.0 30.3 38-1 20.6 24.3 34.3 29.6 27.0 31.5 39.5 25.3 22.8 20.5 19.9 19.5 24.3 $34 \cdot 3$ 30.0 39·5 38·7 42·7 26.9 25.3 22.8 22·7 22·4 20-1 19.8 33·2 33·3 12..... 26.4 25.3 21.6 19.9 $28 \cdot 4$ 31.6 32.6 43.6 $26 \cdot 2$ 25.0 $22 \cdot 1$ $22 \cdot 1$ 20.6 20 · 1 20.1 24 - 1 29.3 26.1 25.0 20.5 20.2 16.... 17.... 18.... 43.9 $20.5 \\ 20.7 \\ 20.7 \\ 20.7 \\ 20.7$ 20.2 28.6 33.5 26.0 24.5 21.4 20.0 34.3 42.0 25·8 25·9 24·4 24·3 22.3 20.2 19.9 $25 \cdot 2 \\ 26 \cdot 2 \\ 27 \cdot 3$ 33·4 31·7 $28.7 \\ 28.5$ 34-8 31.8 22.1 $20 \cdot 2$ 19.8 26-1 24.2 19.8 29-1 38-4 19.8 21 22 23 24 25 28-6 22.1 19.5 30 - 1 38.7 26.0 22.0 21.1 20.3 20.5 28·1 28·3 23.8 20.8 38-4 25·8 25·6 20.3 20.4 19.4 30.8 19-6 38-2 28·3 28·7 38-1 23.8 19.8 34.0 40.0 28.8 19.9 28-6 40.3 24.9 20.8 19.8 19.9 19.8 28.5 40.3 40·3 38·3 29.1 25·0 25·1 24·8 23·3 23·2 23·2 21·3 21·3 20·7 20·7 20·7 20.0 29..... 19.8 30.3 36.9 29.3 19.8 20.1 20.0 31·3 30·8 30.3 19.8 30-4

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1902–03.

Table No. 711.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	34·2 32·3 30·7 28·5 27·4	25·4 25·7 25·8 25·7 25·7	25·0 25·0 25·1 25·3 25·4	23·7 23·6 23·6 23·6 23·6	22·5 22·5 22·8 23·0 23·0	21 · 4 21 · 6 21 · 6 21 · 6 21 · 6	21·1 21·1 21·0 21·0 20·9	21·3 21·3 21·2 21·3 21·3	22·1 22·2 22·6 22·2 22·3	38·8 38·9 38·8 39·0 37·9	33·0 33·3 33·6 33·8 33·2	32·3 32·3 32·6 32·5 33·1
6	26·9 26·7 26·3 27·0 26·6	$25 \cdot 9$ $25 \cdot 7$ $25 \cdot 9$ $25 \cdot 8$ $26 \cdot 1$	25·4 25·3 25·3 25·3 25·0	23·7 23·6 23·6 23·6 23·7	23·0 22·9 22·8 22·8 22·7	$\begin{array}{c} 21 \cdot 6 \\ 21 \cdot 3 \\ 21 \cdot 4 \\ 21 \cdot 1 \\ 21 \cdot 3 \end{array}$	20·8 20·8 20·9 21·0 20·8	$\begin{array}{c} 21 \cdot 0 \\ 21 \cdot 2 \\ 21 \cdot 2 \\ 21 \cdot 0 \\ 21 \cdot 0 \end{array}$	21 · 8 21 · 8 21 · 9 23 · 0 24 · 5	37·3 36·9 36·8 35·9 35·7	32·8 32·6 32·6 32·8 32·3	33·1 32·5 33·0 33·6 36·1
11	26·4 26·1 26·0 26·0 25·7	25·9 25·9 26·0 25·7 25·4	25·2 25·2 25·0 24·9 24·6	23·5 23·2 23·2 23·2 23·0	22·7 22·7 22·5 22·3 22·3	$\begin{array}{c} 21 \cdot 2 \\ 21 \cdot 2 \\ 21 \cdot 0 \\ 21 \cdot 1 \\ 21 \cdot 1 \end{array}$	20·7 20·8 20·8 20·8 20·8	$\begin{array}{c} 21 \cdot 1 \\ 21 \cdot 3 \\ 21 \cdot 2 \\ 21 \cdot 6 \\ 21 \cdot 8 \end{array}$	$26 \cdot 0$ $28 \cdot 2$ $30 \cdot 5$ $32 \cdot 3$ $34 \cdot 4$	35 · 4 35 · 9 35 · 3 34 · 8 35 · 6	33·4 34·1 33·3 32·8 32·1	36.0 35.7 36.0 36.0 36.0
16	25·5 25·4 25·3 25·2 24·9	$25 \cdot 1$ $25 \cdot 0$ $24 \cdot 9$ $24 \cdot 8$ $24 \cdot 7$	$24 \cdot 6$ $24 \cdot 6$ $24 \cdot 5$ $24 \cdot 5$ $24 \cdot 4$	23·0 22·9 23·0 23·0 23·0	$22 \cdot 2$ $22 \cdot 0$ $22 \cdot 0$ $21 \cdot 9$ $21 \cdot 9$	$\begin{array}{c} 21 \cdot 1 \\ 21 \cdot 2 \end{array}$	$20 \cdot 9$ $21 \cdot 0$ $21 \cdot 0$ $20 \cdot 9$ $21 \cdot 0$	$\begin{array}{c} 22 \cdot 0 \\ 22 \cdot 2 \\ 22 \cdot 3 \\ 22 \cdot 2 \\ 22 \cdot 3 \end{array}$	34·2 36·2 35·8 35·2 34·8	35.8 36.2 35.8 34.2 33.3	32 · 8 33 · 3 32 · 3 31 · 6 31 · 3	36·1 36·2 36·2 36·2 37·2
21	24·9 25·1 25·0 24·8 24·9	24·4 24·2 24·1 24·1 24·1	$24 \cdot 4$ $24 \cdot 1$ $24 \cdot 2$ $24 \cdot 1$ $24 \cdot 0$	$23 \cdot 0$ $23 \cdot 1$ $23 \cdot 1$ $23 \cdot 0$ $23 \cdot 0$	$\begin{array}{c} 22 \cdot 1 \\ 22 \cdot 1 \\ 22 \cdot 1 \\ 22 \cdot 0 \\ 22 \cdot 0 \end{array}$	$21 \cdot 1$ $21 \cdot 1$ $21 \cdot 1$ $21 \cdot 3$ $21 \cdot 3$	$21 \cdot 2$ $21 \cdot 1$ $21 \cdot 3$ $20 \cdot 9$ $21 \cdot 1$	22·3 22·3 22·3 22·3 22·5	34·7 . 36·5 35·3 34·6 37·7	33.6 33.9 34.3 33.8 32.9	31 · 6 32 · 3 31 · 8 32 · 4 32 · 3	40·1 42·2 42·1 44·9 47·3
26	24·8 24·8 25·1 25·2 25·0	$\begin{array}{c} 24 \cdot 1 \\ 24 \cdot 5 \\ 24 \cdot 8 \\ 24 \cdot 9 \\ 25 \cdot 2 \\ 25 \cdot 2 \end{array}$	23·9 23·9 24·1 23·9 23·8	22·8 22·8 22·7 22·8 22·8 22·6	$22 \cdot 1$ $21 \cdot 9$ $21 \cdot 8$ $21 \cdot 6$ $21 \cdot 6$ $21 \cdot 5$	20·8 20·6 20·7 20·9 21·0	$\begin{array}{c} 21 \cdot 0 \\ 20 \cdot 8 \\ 21 \cdot 1 \\ 21 \cdot 2 \\ 21 \cdot 2 \\ 21 \cdot 3 \end{array}$	22·6 22·6 22·4 22·3 21·8	37·3 38·4 42·8 40·5 40·0 38·9		31·9 31·7 31·9	45.0 41.9 37.3 34.8 32.9 31.0

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1903-04.

										TA	BLE :	No. 712.
1	29·6 27·8 27·1 27·6 27·3	24 · 4 24 · 4 24 · 3 24 · 3 24 · 8	23·8 23·8 23·7 23·5 23·4	24·2 24·0 24·4 24·7 24·7	23·0 22·9 22·8 22·7 22·4	21 · 8 21 · 8 21 · 8 21 · 8 21 · 8 21 · 7	21·3 21·5 21·3 21·3 21·3	21·3 21·3 21·2 21·2 21·3	19.8 19.8 19.8 20.0 20.0	36·4 36·3 36·2 35·5 35·0	33·6 33·0 32·3 31·8 31·0	31·3 31·4 32·5 31·3 30·6
6	$\begin{array}{c} 27 \cdot 1 \\ 26 \cdot 8 \\ 27 \cdot 1 \\ 27 \cdot 2 \\ 27 \cdot 0 \end{array}$	24 · 8 24 · 8 24 · 8 24 · 8 24 · 8	$\begin{array}{c} 23 \cdot 3 \\ 23 \cdot 2 \\ 23 \cdot 1 \\ 23 \cdot 1 \\ 23 \cdot 2 \end{array}$	$24 \cdot 6$ $24 \cdot 4$ $24 \cdot 2$ $24 \cdot 1$ $23 \cdot 9$	22·4 22·4 22·4 22·4 22·6	21·7 21·8 21·8 21·6 21·3	$21 \cdot 4$ $21 \cdot 3$ $21 \cdot 3$ $21 \cdot 7$ $22 \cdot 0$	21·3 21·3 21·1 21·0 20·9	$20 \cdot 0$ $20 \cdot 2$ $20 \cdot 3$ $20 \cdot 5$ $21 \cdot 1$	35·1 35·6 35·3 35·7 35·9	31·5 31·5 31·6 31·6 30·7	30·8 32·3 33·0 32·9 32·4
11	$\begin{array}{c} 26 \cdot 9 \\ 26 \cdot 7 \\ 26 \cdot 6 \\ 26 \cdot 4 \\ 26 \cdot 4 \end{array}$	$24 \cdot 8$ $25 \cdot 1$ $25 \cdot 0$ $25 \cdot 3$ $25 \cdot 0$	23·2 23·4 23·7 23·7 23·9	23·9 23·8 23·7 23·5 23·4	22·6 22·6 22·6 22·6 22·7	21·5 21·3 21·3 21·4	22·3 22·8 22·6 22·4 22·1	20·9 20·8 20·8 20·7 20·7	20·9 20·8 21·3 21·7 23·3	35·1 34·7 34·3 34·8 34·8	30·4 31·1 32·4 32·3 32·4	$32 \cdot 3$ $32 \cdot 5$ $32 \cdot 3$ $32 \cdot 4$ $33 \cdot 1$
16	$\begin{array}{c} 26 \cdot 3 \\ 26 \cdot 2 \\ 26 \cdot 0 \\ 25 \cdot 8 \\ 25 \cdot 8 \end{array}$	$25 \cdot 3$ $25 \cdot 0$ $25 \cdot 0$ $25 \cdot 0$ $25 \cdot 0$	$24 \cdot 3$ $24 \cdot 1$ $24 \cdot 0$ $23 \cdot 9$ $23 \cdot 9$	23·3 23·2 23·0 22·8 22·8	22·5 22·5 22·5 22·3 22·3	21·3 21·3 21·3 21·3 21·3	21·9 21·7 21·9 22·2 22·3	20·7 20·6 20·5 20·3 20·3	25·4 28·1 30·9 32·3 34·3	33.8 34.2 33.7 33.9 33.6	$32 \cdot 1$ $31 \cdot 3$ $30 \cdot 2$ $31 \cdot 2$ $31 \cdot 4$	32·9 32·3 32·3 32·6 32·9
21	25·7 25·6 25·6 24·8 24·8	25·0 24·9 24·8 24·7 24·4	$23 \cdot 8$ $23 \cdot 8$ $23 \cdot 9$ $23 \cdot 9$ $24 \cdot 1$	22·8 22·8 22·9 23·1 23·0	22·3 22·3 22·3 22·3 22·3 22·3	21·4 21·6 21·5 21·6 21·7	$22 \cdot 4$ $22 \cdot 5$ $22 \cdot 4$ $22 \cdot 3$ $22 \cdot 2$	20·3 20·2 19·9 20·3 20·4	37·9 38·6 36·7 37·6 38·5	32·9 32·6 32·9 32·9 32·9	32·4 32·8 32·1 31·8 31·8	32·3 32·4 32·8 32·8 33·3
26. 27. 28. 29. 30. 31.	24·7 24·7 24·5 24·5 24·6	24·3 24·2 24·2 24·1 24·1 23·8	24·3 24·4 24·3 24·3 24·3	$\begin{array}{c} 23 \cdot 1 \\ 23 \cdot 1 \\ 23 \cdot 0 \\ 22 \cdot 9 \\ 23 \cdot 0 \\ 23 \cdot 0 \end{array}$	22·3 22·3 22·3 22·2 21·9 21·7	21.6 21.6 21.7 21.7 21.4	22·1 21·9 21·7 21·4 21·3 21·3	19·9 19·8 19·8 19·8 19·8	37·8 36·8 36·9 36·6 36·7 36·4	32·3 32·2 31·0 30·9 32·1 33·0	30·6 31·0 31·1 31·2	$34 \cdot 1$ $34 \cdot 8$ $36 \cdot 1$ $36 \cdot 1$ $35 \cdot 9$ $35 \cdot 8$

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1904-05.

TABLE No. 713.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	35·8 35·9 36·7 37·0 37·3	27·8 27·8 28·1 28·3 28·6	28·0 28·1 28·3 28·5 28·7	25·3 25·3 25·2 25·0 24·8	23·3 23·3 23·3 23·1 22·9	22·4 22·4 22·6 22·8 23·0	23 · 2 23 · 2 23 · 2 23 · 2 23 · 0	23·3 23·1 23·1 23·1 23·1	21 · 4 21 · 4 21 · 3 21 · 1 20 · 9	35·0 35·0 34·4 33·2 32·2	31·5 31·8 31·3 30·3 30·4	31·4 30·9 30·9 31·3 31·3
6	39·6 39·6 41·8 46·2	28 · 8 29 · 1 29 · 1 29 · 1 29 · 2	28.8 28.8 28.9 28.9 28.9	24·8 24·8 24·5 24·4 24·3	22.9 22.8 22.8 22.8 22.7	$23 \cdot 1$ $22 \cdot 9$ $22 \cdot 8$ $22 \cdot 8$ $22 \cdot 7$	23·0 22·9 22·9 23·0 23·0	22·8 22·8 22·8 22·8 22·8	$21 \cdot 1$ $21 \cdot 2$ $21 \cdot 6$ $21 \cdot 9$ $22 \cdot 3$	$31 \cdot 9$ $32 \cdot 1$ $32 \cdot 7$ $32 \cdot 2$ $32 \cdot 9$	30·4 30·4 30·4 30·4 31·3	
11	45 · 2 45 · 1 44 · 8 44 · 7 43 · 3	29·3 29·3 29·3 29·1 28·9	28.8 28.7 28.7 28.5 28.3	24·3 24·3 24·3 24·4 24·4	22·6 22·8 22·7 22·7 22·8	22·3 22·3 22·5 22·4 22·3	23·3 23·7 23·3 23·0 23·1	22·6 22·3 22·3 22·7 22·1	23 · 2 26 · 0 28 · 5 31 · 3 32 · 2	32·2 32·3 32·4 32·3 32·3	31·3 31·3 31·3 29·9 30·3	$ \begin{array}{r} 31 \cdot 3 \\ 32 \cdot 4 \\ 31 \cdot 3 \\ 31 \cdot 7 \\ 31 \cdot 6 \end{array} $
16	42·3 41·9 39·3 37·8 36·7	28·9 28·9 28·9 29·3 29·2	28·3 28·1 27·8 27·3 27·3	24·4 24·4 21·4 24·3 24·3	22·8 22·8 22·8 22·6 22·6	22·3 22·3 22·3 22·2 22·1	22·9 22·8 22·9 22·9 22·9	$22 \cdot 1$ $22 \cdot 0$ $21 \cdot 8$ $21 \cdot 6$ $21 \cdot 6$	34.8 36.8 36.5 37.1 37.8	32·7 32·9 32·9 32·7 33·4	30·7 30·7 30·9 29·8 29·8	31·5 31·8 31·6 31·9 31·0
21	35·9 34·2 32·1 30·7 28·6	29·1 28·8 28·8 28·5 28·5	26·9 26·8 26·6 26·3 26·1	24·2 24·1 23·9 23·7 23·6	22·7 22·7 22·8 22·7 22·7	22·1 21·9 21·8 21·8 22·4	22·9 23·5 23·7 23·8 23·7	21·6 21·6 21·6 21·8 21·8	37·1 36·6 36·7 36·6 35·8	33·0 33·0 32·4 31·9 31·2	31·1 30·8 29·8 30·4 31·0	31·3 31·6 31·8 31·8 31·8
26	28·3 27·6 26·9 26·8 27·0	28·5 28·3 28·3 28·1 28·1 28·1	25·8 25·9 25·8 25·6 25·5	23·6 23·5 23·4 23·4 23·4 23·3	22·7 22·7 22·6 22·6 22·5 22·5	22·8 23·0 22·9 22·8 22·9	23·7 23·7 23·7 23·4 23·4 23·3	21·6 21·4 21·4 21·4 21·4 21·4	34·4 33·8 33·8 33·9 • 33·3 33·2	31.3	31·3 31·3 31·2	31·9 32·8 33·7 33·9 34·3 34·9

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1905–06.

										TA	BLE No	. 714
1	36·3 37·5 37·1 37·1 36·6	22·0 22·2 22·3 22·7 22·8	23·8 23·7 23·8 23·6 23·6	22·8 22·7 22·8 23·1 23·2	22·3 22·4 22·5 22·5 22·4	21·5 21·6 21·6 21·7 21·8	21 · 4 21 · 4 21 · 4 21 · 4 21 · 4 21 · 4	21·4 21·3 21·3 21·3 21·3	21·0 20·8 20·8 21·3 21·1	26·6 25·9 25·3 26·0 27·1	38·4 37·4 35·8 36·4 37·0	33·3 33·2 33·6 33·2 33·2
6	39·7 38·8 38·8 39·8 38·8	$22 \cdot 8$ $23 \cdot 0$ $23 \cdot 4$ $23 \cdot 6$ $24 \cdot 0$	23 · 8 23 · 5 23 · 3 23 · 3 23 · 2	23 · 2 23 · 1 23 · 1 22 · 8 22 · 7	22·2 22·3 22·3 22·3 22·3 22·3	21.8 21.9 21.8 21.6 21.4	$21 \cdot 3$ $21 \cdot 2$ $20 \cdot 8$ $21 \cdot 0$ $21 \cdot 0$	21·3 21·2 21·2 21·3 21·3	20·9 20·9 21·0 20·9 20·9	27·8 28·9 29·4 30·2 32·2	$36 \cdot 4$ $36 \cdot 2$ $35 \cdot 8$ $35 \cdot 2$ $35 \cdot 0$	$33 \cdot 4$ $33 \cdot 3$ $33 \cdot 3$ $33 \cdot 1$ $32 \cdot 9$
11	37.9 38.5 37.4 34.9 33.9	$24 \cdot 3$ $24 \cdot 6$ $24 \cdot 6$ $24 \cdot 6$ $24 \cdot 8$	23·2 23·3 23·3 23·3 23·3	22·6 22·4 22·3 22·3 22·4	$\begin{array}{c} 22 \cdot 2 \\ 22 \cdot 0 \\ 22 \cdot 0 \\ 22 \cdot 0 \\ 21 \cdot 8 \end{array}$	21 · 4 21 · 4 21 · 6 21 · 4 21 · 3	$20 \cdot 8$ $21 \cdot 1$ $21 \cdot 1$ $21 \cdot 1$ $21 \cdot 1$	21·3 21·3 21·3 21·3 20·8	20·8 21·8 21·8 22·4 22·9	33.6 33.9 35.2 34.8 35.3	35.3 35.6 35.9 36.1 35.8	$32 \cdot 1$ $32 \cdot 6$ $32 \cdot 3$ $32 \cdot 3$ $32 \cdot 3$
16	$30 \cdot 6$ $29 \cdot 2$ $27 \cdot 1$ $25 \cdot 6$ $24 \cdot 6$	24 · 8 25 · 3 25 · 3 25 · 3 25 · 3	23·3 23·3 23·5 23·8 23·8	22·4 22·4 22·4 22·4 22·6	21.8 21.8 21.8 21.8 21.8	21·2 21·3 21·3 21·4 21·4	$20 \cdot 8$ $21 \cdot 1$ $21 \cdot 1$ $21 \cdot 1$ $21 \cdot 3$	$21 \cdot 1$ $21 \cdot 3$ $21 \cdot 1$ $20 \cdot 8$ $20 \cdot 8$	23 · 8 25 · 4 26 · 3 27 · 3 27 · 4	38·4 38·1 36·3 38·1 37·5	34 · 6 34 · 4 35 · 0 35 · 3 35 · 1	$32 \cdot 3$
21 22 23 24 25	$24 \cdot 3$ $23 \cdot 6$ $23 \cdot 2$ $22 \cdot 8$ $22 \cdot 6$	25·3 25·3 25·3 25·0 24·8	23 · 8 23 · 8 23 · 8 23 · 6 23 · 2	$22 \cdot 6$ $22 \cdot 5$ $22 \cdot 5$ $22 \cdot 2$ $22 \cdot 3$	21·8 21·8 21·8 21·7 21·6	21·4 21·4 21·4 21·3 21·3	21·3 21·3 21·3 21·5 21·3	20.6 20.8 20.8 20.8 20.9	27·9 28·4 28·9 29·2 29·2	37·8 37·8 37·1 36·5 37·0	35·1 34·9 35·0 34·9 34·7	32·3 32·3 32·3 32·3 32·3
26	22·6 22·4 22·3 21·8 21·9	$24 \cdot 6$ $24 \cdot 6$ $24 \cdot 3$ $24 \cdot 2$ $24 \cdot 2$ $24 \cdot 1$	23·3 23·2 23·1 22·9 22·8	22·3 22·2 22·1 22·1 22·1 22·3	21·5 21·4 21·4 21·3 21·3 21·5	21·4 21·3 21·3 21·3 21·5	21·3 21·3 21·3 21·3 21·3 21·4	20·9 21·1 21·1 21·0 21·3	29·3 29·5 28·9 28·2 27·4 26·6	37.0 36.9 36.5 34.7 36.6 38.7	34·6 33·8 33·7	$32 \cdot 0$ $31 \cdot 3$ $31 \cdot 8$ $32 \cdot 8$ $33 \cdot 1$ $33 \cdot 2$

6 GEORGE V, A. 1916 ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1906-07.

										1	ABLE .	No. /15
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4 5	33·3 33·3 33·3 34·7 33·3	23 · 8 23 · 8 23 · 9 23 · 9 23 · 9	24·3 24·3 24·3 24·2 24·0	23 · 6 23 · 4 23 · 4 23 · 4 23 · 4	21·3 21·3 21·2 21·3 21·3	20·3 20·0 20·3 20·4 20·3	19·7 19·6 19·8 19·8 19·8	20·1 20·0 20·1 20·0 19·9	20 · 1 20 · 0 20 · 3 20 · 4 20 · 7	33·4 33·1 32·5 32·8 33·8	30 · 9 30 · 8 32 · 1 30 · 3 30 · 1	31·6 32·0 32·7 32·8 32·7
6	33·5 36·4 32·4 31·2 29·8	23 · 9 24 · 0 24 · 3 24 · 3 24 · 6	24 · 0 24 · 3 24 · 4 25 · 1 25 · 3	23 · 4 23 · 3 23 · 3 23 · 3 22 · 8	21 · 2 21 · 2 21 · 3 21 · 2 21 · 0	20·2 20·3 20·3 20·1 20·3	19·8 19·8 19·8 19·0 19·9	19·8 19·7 19·7 19·6 19·6	$22 \cdot 2$ $22 \cdot 6$ $24 \cdot 6$ $27 \cdot 6$ $30 \cdot 4$	33 · 6 33 · 2 32 · 8 32 · 6 31 · 8	30·5 30·2 30·7 31·6 31·8	32.0
11 12 13 14 15	28 · 2 26 · 8 26 · 3 25 · 3 24 · 6	$24 \cdot 8$ $24 \cdot 8$ $25 \cdot 0$ $25 \cdot 4$ $25 \cdot 4$	25·7 25·3 25·1 24·8 24·7	22 · 8 22 · 7 22 · 7 22 · 3 22 · 0	20·9 20·8 20·8 20·7 20·6	20·1 19·9 19·8 19·9 19·9	19·9 19·7 19·6 19·5 19·7	19·6 20·7 20·1 19·9 19·9	33 · 4 33 · 9 34 · 8 35 · 1 34 · 0	32·5 32·3 32·0 31·6 31·4	32 · 1 31 · 2 30 · 3 30 · 7 31 · 5	32·6 32·3
16 17 18 19 20	23 · 8 23 · 8 23 · 5 23 · 4 23 · 3	$25 \cdot 4$ $25 \cdot 4$ $25 \cdot 4$ $25 \cdot 3$ $25 \cdot 3$	24 · 6 24 · 4 24 · 4 24 · 3 24 · 3	21 · 9 21 · 8 21 · 8 21 · 8 21 · 8	$20 \cdot 7$ $20 \cdot 5$ $20 \cdot 5$ $20 \cdot 5$	19·8 19·6 19·8 19·8 19·8	20·0 19·9 19·8 19·8 19·9	20·3 19·9 19·9 19·8 20·1	37·3 36·9 35·5 34·9 34·8	$30 \cdot 4$ $30 \cdot 4$ $30 \cdot 2$ $29 \cdot 2$ $30 \cdot 1$	32 · 6 32 · 6 30 · 7 31 · 0 30 · 8	32·0 31·6 32·3
21 22 23 24 25	23·3 23·3 23·8 23·8 24·0	25·3 25·3 25·3 25·3 25·3	24·1 24·1 24·3 24·4 24·4	21·7 21·6 21·6 21·6 21·6	20 · 5 20 · 8 21 · 0 21 · 0 20 · 6	19·8 19·8 19·8 19·9 19·8	20 · 1 20 · 1 20 · 1 20 · 1 19 · 8	$20 \cdot 3$ $20 \cdot 0$ $20 \cdot 2$ $20 \cdot 3$ $20 \cdot 1$	34·5 34·0 33·1 33·2 33·2	31·3 30·7 30·7 30·1 29·8	31·5 30·9 30·7 30·8 32·0	32·7 32·7 32·8
26. 27. 28. 29. 30.	24·0 24·0 24·0 23·8 23·8	25·2 25·1 25·0 24·9 24·7 24·4	24·3 24·1 24·0 24·0 23·8	21 · 6 21 · 5 21 · 4 21 · 3 21 · 3 21 · 3	20·3 20·4 20·4 20·3 20·2 20·1	19-6 19-7 19-7 19-6 19-7	20·0 19·9 19·9 20·2 20·3 20·3	20 · 1 20 · 7 20 · 3 20 · 3 20 · 1	33·3 32·8 33·6 33·2 33·6 33·5	29·6 29·7 29·8 30·4 30·9 31·0		33-8

Elevations above M.S.L. of St. Lawrence River at Lower Lachine, for 1907-08.

										TA	BLE N	o. 716.
1	36·4 36·6 36·4 36·3 35·9	25·5 26·1 26·2 26·4 26·6	25·8 25·6 25·5 25·4 25·2	24·4 24·3 24·4 24·3 24·2	22·8 22·6 22·4 22·4 22·3	20·8 20·8 21·1 21·3 21·1	21·3 21·3 21·4 21·3 21·4	21·3 21·1 21·3 21·7 21·8	21 · 4 21 · 5 21 · 5 21 · 4 21 · 3	23 · 2 23 · 3 23 · 3 23 · 2 23 · 6	33 · 6 33 · 9 33 · 3 34 · 0 33 · 8	34·0 34·6 34·5 34·4 34·6
6 7 8 9	35·4 35·2 34·9 34·8 34·7	$26 \cdot 6$ $26 \cdot 3$ $26 \cdot 3$ $25 \cdot 9$ $25 \cdot 5$	25·4 25·4 25·4 25·4 25·5	$24.0 \\ 23.8 \\ 23.8 \\ 23.8 \\ 23.8 \\ 23.8$	22·3 22·2 22·3 22·2 22·1	$20 \cdot 9$ $21 \cdot 0$ $21 \cdot 0$ $21 \cdot 3$ $21 \cdot 2$	$21 \cdot 4$ $21 \cdot 5$ $21 \cdot 8$ $21 \cdot 8$ $21 \cdot 8$	22·0 23·9 23·6 23·8 23·8	$21 \cdot 2$ $21 \cdot 3$ $21 \cdot 1$ $21 \cdot 1$ $21 \cdot 3$	23·9 24·3 24·9 25·0 24·7	33 · 8 33 · 8 33 · 5 32 · 6 32 · 7	$34 \cdot 3$ $34 \cdot 4$ $34 \cdot 1$ $33 \cdot 8$ $32 \cdot 8$
11	34·6 34·3 34·5 35·3 36·3	$\begin{array}{c} 25 \cdot 5 \\ 25 \cdot 5 \\ 25 \cdot 0 \\ 25 \cdot 0 \\ 24 \cdot 8 \end{array}$	$25 \cdot 4$ $25 \cdot 2$ $25 \cdot 1$ $24 \cdot 9$ $24 \cdot 9$	23·7 23·6 23·5 23·3 23·3	21.9 21.9 21.9 21.9 21.8	$21 \cdot 2$ $21 \cdot 1$ $21 \cdot 2$ $21 \cdot 1$ $20 \cdot 9$	22·0 22·2 22·1 22·0 21·9	23 · 8 23 · 6 23 · 3 23 · 2 22 · 9	22·0 22·1 22·1 21·9 23·3	$25 \cdot 8$ $28 \cdot 1$ $29 \cdot 8$ $31 \cdot 2$ $32 \cdot 3$	33·8 34·4 33·9 34·8 34·8	32 · 6 33 · 3 32 · 8 33 · 3 33 · 3
16	35.7 36.1 35.8 38.9 37.6	24 · 8 24 · 8 24 · 9 25 · 1 25 · 3	24 · 9 24 · 8 24 · 7 24 · 8 24 · 6	$23 \cdot 1$ $23 \cdot 1$ $23 \cdot 0$ $22 \cdot 8$ $22 \cdot 8$	21·6 21·5 21·6 21·5 21·3	$21 \cdot 1$ $21 \cdot 2$ $21 \cdot 1$ $20 \cdot 9$ $21 \cdot 0$	21.8 21.7 21.8 21.8 21.6	22·8 22·6 22·3 22·3 22·3	$23 \cdot 0$ $22 \cdot 9$ $22 \cdot 8$ $23 \cdot 1$ $22 \cdot 7$	33·7 34·3 36·7 37·8 25·9	34 · 4 34 · 0 34 · 0 33 · 8 33 · 8	33·8 33·3 33·3 33·6 33·6
21. 22. 23 24. 25.	30 · 8 29 · 8 29 · 2 28 · 6 27 · 4	25·6 26·1 26·3 26·3 26·3	$24 \cdot 4$ $24 \cdot 3$ $24 \cdot 1$ $23 \cdot 9$ $24 \cdot 1$	22·7 22·7 22·8 22·8 22·8	21·3 21·3 21·3 20·8 21·3	21·1 21·1 21·3 21·3 21·4	21.6 21.6 21.6 21.7 21.5	$22 \cdot 1$ $22 \cdot 0$ $22 \cdot 1$ $21 \cdot 1$ $22 \cdot 2$	22·8 22·3 22·3 22·3 22·3 22·3	36-6 38-7 37-1 35-4 35-3	33 · 6 33 · 9 33 · 7 33 · 9 34 · 0	33 · 4 33 · 5 33 · 7 33 · 8 33 · 2
26 27 28 29 30 31	26·8 26·1 25·3 24·7 24·9	26·2 26·1 26·3 26·3 26·3 26·3	24·3 24·4 24·3 24·3 24·6	22·8 22·9 22·8 22·9 23·0 22·9	21·3 21·3 21·3 21·2 21·1 21·0	21·4 21·4 21·4 21·3 21·2	21·5 21·3 21·6 21·7 21·7 21·3	21·9 20·8 20·8 21·5 21·6	22·3 22·3 22·3 22·7 23·1 23·2	34·8 35·4 34·3 34·4 33·7 33·7	34·2 34·4 35·8 34·7	33·7 34·4 35·0 35·5 36·2 36·3

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1908-09.

TABLE No. 717.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
12 23 45	36·2 36·3 36·2 35·7 35·6	28·1 28·5 29·5 29·6 29·8	29·9 29·8 29·5 29·4 29·3	24·9 24·8 24·5 24·3 24·1	22·8 22·8 22·6 22·5 22·4	21 · 6 21 · 5 21 · 6 21 · 4 21 · 4	20 · 7 20 · 8 20 · 8 20 · 6 20 · 4	19·8 19·6 19·7 19·8 19·8	19·6 19·8 19·6 19·3 19·7	35·4 35·6 37·1 37·8 36·5	30·3 30·3 29·8 29·6 31·0	30·7 31·1 30·6 30·3 30·3
6	36 · 2 36 · 2 42 · 1 43 · 4 43 · 1	29 · 8 29 · 7 29 · 9 30 · 3 30 · 7	29·1 28·8 28·6 28·2 28·0	24 · 1 24 · 1 23 · 9 23 · 8 23 · 8	22 · 4 22 · 4 22 · 6 22 · 3 22 · 3	21·3 21·4 21·3 21·3 21·3	20·4 20·3 20·3 20·4 20·4	$19 \cdot 7$ $19 \cdot 6$ $19 \cdot 8$ $20 \cdot 1$ $20 \cdot 2$	19·6 19·9 20·2 20·4 22·1	$35 \cdot 1$ $31 \cdot 9$ $32 \cdot 7$ $32 \cdot 5$ $31 \cdot 6$	$ \begin{array}{r} 31 \cdot 9 \\ 31 \cdot 8 \\ 31 \cdot 8 \\ 32 \cdot 0 \\ 30 \cdot 4 \end{array} $	29 · 6 30 · 6 31 · 1 30 · 6 30 · 6
11 12 13 14 15,	42 · 2 42 · 4 42 · 9 42 · 3 41 · 1	$30 \cdot 8$ $30 \cdot 9$ $31 \cdot 1$ $31 \cdot 3$ $31 \cdot 2$	27·9 27·7 27·3 27·3 27·0	23 · 8 23 · 6 23 · 8 23 · 8 23 · 8	22 · 5 22 · 5 22 · 4 22 · 5 22 · 6	21·3 21·4 21·4 21·4 21·3	$20 \cdot 4$ $20 \cdot 5$ $20 \cdot 4$ $20 \cdot 3$ $20 \cdot 3$	20·1 19·8 19·8 19·8 19·6	$22 \cdot 6$ $23 \cdot 8$ $24 \cdot 8$ $25 \cdot 1$ $25 \cdot 8$	33·8 33·4 33·3 32·1 31·9	30 · 2 30 · 3 31 · 6 30 · 9 30 · 6	30·9 30·1 30·6 30·6 30·6
16 17 18 19 20	41·1 38·8 37·9 36·1 34·3	31 · 1 31 · 0 31 · 0 31 · 0 30 · 9	$27 \cdot 0$ $26 \cdot 8$ $26 \cdot 6$ $26 \cdot 4$ $26 \cdot 2$	23 · 8 23 · 8 23 · 6 23 · 6 23 · 8	22·5 22·4 22·4 22·4 22·3	$\begin{array}{c} 21 \cdot 2 \\ 21 \cdot 1 \\ 20 \cdot 9 \\ 20 \cdot 9 \\ 20 \cdot 8 \end{array}$	$\begin{array}{c} 20 \cdot 2 \\ 20 \cdot 2 \\ 20 \cdot 0 \\ 20 \cdot 1 \\ 20 \cdot 0 \end{array}$	19·6 19·6 19·8 19·6 19·6	$\begin{array}{c} 25 \cdot 6 \\ 25 \cdot 3 \\ 25 \cdot 1 \\ 24 \cdot 8 \\ 26 \cdot 1 \end{array}$	31·3 31·3 31·3 30·3 30·6	29 · 8 29 · 7 29 · 6 29 · 1 30 · 8	$30 \cdot 8$ $31 \cdot 2$ $30 \cdot 8$ $30 \cdot 6$ $31 \cdot 2$
21 22 23 24 25	32·7 31·6 30·5 29·6 27·9	31 · 0 30 · 8 30 · 6 30 · 4 30 · 3	$26 \cdot 2$ $26 \cdot 1$ $25 \cdot 8$ $25 \cdot 7$ $25 \cdot 6$	23·7 23·7 23·6 23·6 23·3	$22 \cdot 2$ $21 \cdot 8$ $21 \cdot 9$ $21 \cdot 9$ $21 \cdot 9$	20·7 20·7 20·7 20·8 20·8	19·7 19·6 19·6 19·6 19·8	19-4 19-4 19-5 19-7	27 · 6 27 · 6 29 · 6 29 · 7 32 · 8	31 · 8 33 · 4 32 · 9 30 · 7 31 · 4	$30 \cdot 3$ $30 \cdot 0$ $30 \cdot 8$ $31 \cdot 3$ $31 \cdot 3$	30·4 30·6 30·6 30·6 31·3
26 27 28 29 30 31	27·1 26·9 26·9 27·2 27·5	30·0 29·8 29·9 29·8 29·8 29·8	25 · 6 25 · 3 25 · 2 25 · 1 25 · 1	$23 \cdot 1$ $23 \cdot 0$ $23 \cdot 1$ $22 \cdot 9$ $22 \cdot 9$ $22 \cdot 8$	21 · 9 21 · 8 21 · 8 21 · 7 21 · 7 21 · 6	20·7 20·6 20·6 20·8 20·8	$\begin{array}{c} 19 \cdot 9 \\ 19 \cdot 9 \\ 20 \cdot 0 \\ 20 \cdot 1 \\ 20 \cdot 1 \\ 20 \cdot 0 \end{array}$	19·5 19·5 19·6 19·7 19·7	32·5 32·2 32·8 34·6 35·5 35·6	30.9	30·3 30·3 31·0	31·3 31·4 31·6 31·9 32·3 32·4

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1909-10.

										TA.	BLE NO	. 718,
1	32 · 4 32 · 6 34 · 4 34 · 3 34 · 3	26·1 26·7 27·2 27·5 27·5	29·9 29·9 29·6 29·3 29·0	23·9 23·9 23·9 23·9 23·8	23·3 23·3 23·4 23·4 23·4	21 · 8 21 · 8 21 · 8 21 · 8 21 · 9	$21 \cdot 9$ $22 \cdot 0$ $22 \cdot 0$ $22 \cdot 0$ $21 \cdot 8$	$20 \cdot 4$ $20 \cdot 6$ $20 \cdot 4$ $20 \cdot 5$ $20 \cdot 4$	20 · 8 20 · 9 20 · 8 20 · 4 20 · 1	27 · 9 29 · 5 30 · 1 32 · 1 32 · 4	30·9 30·9 31·0 30·6 30·6	29·5 29·7 29·9 30·3 30·8
6	36·8 41·3 42·6 42·3 42·3	$\begin{array}{c} 27 \cdot 4 \\ 27 \cdot 3 \\ 27 \cdot 1 \\ 27 \cdot 0 \\ 27 \cdot 2 \end{array}$	28.6 28.6 28.2 27.8 27.4	23 · 8 23 · 8 23 · 7 23 · 6 23 · 3	$23 \cdot 3$ $23 \cdot 2$ $23 \cdot 1$ $23 \cdot 1$ $22 \cdot 9$	$22 \cdot 0$ $21 \cdot 7$ $21 \cdot 5$ $21 \cdot 6$ $21 \cdot 3$	$21 \cdot 5$ $21 \cdot 4$ $21 \cdot 3$ $21 \cdot 3$ $21 \cdot 1$	$20 \cdot 3$ $20 \cdot 0$ $19 \cdot 9$ $20 \cdot 2$ $20 \cdot 0$	$20 \cdot 1$ $20 \cdot 1$ $20 \cdot 1$ $20 \cdot 1$ $20 \cdot 3$	$34 \cdot 3$ $34 \cdot 5$ $34 \cdot 9$ $35 \cdot 4$ $35 \cdot 3$	31·0 29·3 29·3 30·4 31·0	$\begin{array}{c} 31 \cdot 2 \\ 31 \cdot 8 \\ 32 \cdot 8 \\ 33 \cdot 0 \\ 32 \cdot 6 \end{array}$
11 12 13 14 15	41·3 39·8 41·9 37·8 35·3	27 · 9 28 · 7 29 · 2 29 · 4 29 · 6	$27 \cdot 0$ $26 \cdot 8$ $26 \cdot 4$ $26 \cdot 4$ $26 \cdot 2$	$23 \cdot 0$ $23 \cdot 0$ $22 \cdot 9$ $22 \cdot 9$ $22 \cdot 8$	$22 \cdot 8$ $22 \cdot 4$ $22 \cdot 3$ $22 \cdot 0$ $22 \cdot 0$	21 · 4 21 · 3 21 · 3 21 · 4 21 · 5	$\begin{array}{c} 21 \cdot 1 \\ 21 \cdot 0 \end{array}$	$\begin{array}{c} 19 \cdot 9 \\ 20 \cdot 0 \\ 20 \cdot 3 \\ 20 \cdot 0 \\ 20 \cdot 0 \end{array}$	$20 \cdot 3$ $20 \cdot 0$ $20 \cdot 1$ $20 \cdot 8$ $20 \cdot 8$	34 · 6 34 · 3 34 · 8 34 · 3 33 · 6	29·8 29·3 29·2 29·1 30·0	$32 \cdot 3$ $31 \cdot 9$ $31 \cdot 6$ $31 \cdot 4$ $31 \cdot 1$
16. 17. 18. 19.	35·9 30·3 28·8 28·1 28·1	$29 \cdot 6$ $29 \cdot 7$ $30 \cdot 1$ $30 \cdot 5$ $30 \cdot 7$	26.0 25.8 25.7 25.3 25.0	22·8 22·8 22·8 22·8 22·8 22·8	22·3 22·4 22·4 22·4 22·4 22·4	21 · 5 21 · 5 21 · 6 21 · 3 21 · 3	$21 \cdot 1$ $20 \cdot 9$ $20 \cdot 8$ $20 \cdot 8$ $20 \cdot 7$	$20 \cdot 1$ $19 \cdot 8$ $20 \cdot 3$ $20 \cdot 3$ $20 \cdot 1$	20 · 9 20 · 8 20 · 6 20 · 4 20 · 6	$32 \cdot 6$ $32 \cdot 8$ $34 \cdot 1$ $33 \cdot 1$	29·8 28·8 28·3 28·1 27·9	$30 \cdot 9$ $30 \cdot 0$ $30 \cdot 1$ $30 \cdot 1$ $30 \cdot 3$
21. 22. 23. 24. 25.	27·9 27·3 27·3 27·3 27·3 27·0	30·7 30·6 30·5 30·5 30·5	25 · 2 25 · 3 25 · 2 25 · 1 24 · 9	22 · 8 22 · 6 22 · 6 22 · 6 22 · 6 22 · 6	$22 \cdot 4$ $22 \cdot 1$ $21 \cdot 8$ $21 \cdot 8$ $21 \cdot 8$	21 · 3 21 · 2 21 · 2 21 · 2 21 · 3	$20 \cdot 6$ $20 \cdot 4$ $20 \cdot 6$ $20 \cdot 6$ $20 \cdot 5$	$20 \cdot 3$ $20 \cdot 3$ $20 \cdot 6$ $21 \cdot 0$ $21 \cdot 7$	$20 \cdot 9$ $21 \cdot 3$ $21 \cdot 7$ $21 \cdot 8$ $22 \cdot 2$	32·5 32·8 32·3 32·3 32·4	$28 \cdot 0$ $29 \cdot 0$ $28 \cdot 0$ $27 \cdot 3$ $27 \cdot 3$	$\begin{array}{c} 30 \cdot 3 \\ 30 \cdot 8 \\ 31 \cdot 0 \\ 33 \cdot 4 \\ 33 \cdot 7 \end{array}$
26. 27. 28. 29. 30. 31.	27·0 26·6 26·5 26·4 26·5	$30 \cdot 3$ $30 \cdot 2$ $30 \cdot 1$ $30 \cdot 3$ $30 \cdot 2$ $30 \cdot 2$	24 · 8 24 · 4 24 · 4 24 · 3 24 · 1	22 · 6 22 · 6 22 · 6 22 · 6 22 · 9 23 · 1	21 · 8 21 · 8 21 · 8 21 · 7 21 · 7 21 · 7	21·3 21·6 21·6 21·8 21·8	$20 \cdot 4$ $20 \cdot 4$ $20 \cdot 6$ $20 \cdot 8$ $20 \cdot 7$ $20 \cdot 6$	20·8 20·8 20·7 20·8 20·9	22·6 23·5 23·8 25·1 26·1 27·4	31.2	28·1 27·8 28·8	37.0 38.9 38.0 35.6 32.6 29.1

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1910-11.

										TA	BLE N	o. 719.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	27·8 25·6 24·9 24·6 24·3	25·3 25·3 25·6 25·6 25·5	23·3 23·3 23·5 23·6 23·4	21·9 21·8	20 · 6 20 · 6 20 · 6 20 · 7 20 · 8	20 · 3 20 · 4 20 · 4 20 · 4 20 · 4	19-4 19-8 19-8 19-7 19-8	20·3 20·1 20·4 20·7 20·6	20 · 6 20 · 4 20 · 3 19 · 8 19 · 8	34·7 34·1 34·9 33·8 32·7	28·3 28·2 28·3 27·9 28·8	28·4 29·4 29·1 28·9 28·8
6	24 · 3 24 · 3 24 · 8 24 · 8 25 · 1	$25 \cdot 4$ $25 \cdot 4$ $25 \cdot 3$ $25 \cdot 1$ $25 \cdot 1$	$23 \cdot 4$ $23 \cdot 9$ $24 \cdot 1$ $24 \cdot 3$ $24 \cdot 3$	21 · 6 21 · 6 21 · 6 21 · 6 21 · 5	20 · 8 20 · 8 20 · 8 20 · 8 20 · 6	20 · 6 20 · 8 20 · 8 20 · 8 20 · 6	$20 \cdot 0$ $20 \cdot 3$ $20 \cdot 4$ $20 \cdot 4$ $20 \cdot 5$	$20 \cdot 1$	19.8 19.8 20.0 20.3 20.9	$\begin{array}{r} 32 \cdot 2 \\ 31 \cdot 9 \\ 31 \cdot 7 \\ 33 \cdot 3 \\ 32 \cdot 4 \end{array}$	28·3 28·3 28·1 28·2 29·3	28·9 29·0 28·8 28·9 29·3
11 12 13 14 15	25 · 2 25 · 3 25 · 1 24 · 9 24 · 8	25·1 24·9 24·9 24·8 24·3	24 · 3 24 · 3 23 · 8 23 · 8 23 · 8	21 · 4 21 · 4 21 · 2 21 · 1 21 · 1	20 · 8 20 · 8 20 · 6 20 · 6 20 · 5	20 · 4 20 · 6 20 · 4 20 · 3 20 · 1	$20 \cdot 4$ $20 \cdot 5$ $20 \cdot 3$ $20 \cdot 2$ $20 \cdot 3$	20 · 1 20 · 3 20 · 3 20 · 3 20 · 4	22·9 24·5 26·4 27·7 28·8	30·7 31·3 30·7 29·9 30·3	29·6 29·8 28·9 27·8 27·3	28·7 28·6 28·8 28·6 28·7
16	$24 \cdot 7$ $24 \cdot 1$ $23 \cdot 9$ $23 \cdot 9$ $24 \cdot 2$	24·0 23·8 23·4 23·4 23·6	23 · 8 23 · 4 23 · 4 23 · 3 23 · 1	21·1 20·9 20·8 20·9 20·8	20 · 6 20 · 3 20 · 2 20 · 4 20 · 4	20 · 1 20 · 1 20 · 3 20 · 3 20 · 1	$20 \cdot 2$ $20 \cdot 2$ $20 \cdot 3$ $20 \cdot 3$ $20 \cdot 6$	20·3 20·3 20·3 20·3 20·0	29·3 31·0 32·9 32·3 31·6	29 · 8 29 · 6 29 · 7 30 · 1 30 · 1	27·1 27·3 27·6 28·3	28·3 27·4 27·9 29·3 29·4
21 22 23 24 25	$24 \cdot 3$ $24 \cdot 4$ $24 \cdot 6$ $24 \cdot 8$ $24 \cdot 8$	23 · 4 23 · 4 23 · 4 23 · 1 23 · 2	$23 \cdot 0$ $22 \cdot 9$ $22 \cdot 9$ $22 \cdot 9$ $22 \cdot 7$	20 · 7 20 · 1 20 · 8 20 · 8 20 · 8	20 · 3 20 · 3 20 · 4 20 · 6 20 · 6	20 · 1 20 · 1 20 · 0 20 · 1 19 · 6	$20 \cdot 5$ $20 \cdot 1$ $20 \cdot 2$ $20 \cdot 2$ $20 \cdot 2$	$20 \cdot 1$ $20 \cdot 0$ $19 \cdot 9$ $20 \cdot 1$	31 · 6 32 · 2 32 · 7 33 · 6 34 · 9	29·7 30·1 29·1 29·8 30·4	28·3 28·4 28·3 28·8 29·6	29·1 29·3 29·3 28·6 28·6
26	24 · 8 24 · 9 25 · 8 25 · 3 24 · 9	23 · 3 23 · 3 23 · 3 23 · 3 23 · 3 23 · 3	22·3 22·3 22·3 22·3 21·9	20.8 20.9 20.9 20.8 20.7 20.6	20 · 4 20 · 4 20 · 4 20 · 4 20 · 3 20 · 1	19-8 19-8 19-6 19-6	20·3 20·3 20·3 20·4 20·3 20·3	20 · 1 20 · 1 20 · 1 20 · 1 20 · 6	$34 \cdot 9$ $33 \cdot 8$ $34 \cdot 4$ $34 \cdot 7$ $34 \cdot 7$		28·7 29·8 28·4	28·6 29·3 29·3 29·4 30·3 30·6

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1911-12.

										TABI	E No.	720
1	30·3 29·5 29·8 30·0 30·3	24 · 4 24 · 6 25 · 5 25 · 8 25 · 8	24·3 24·3 24·1 23·9 23·9	21 · 9 21 · 8 21 · 7 21 · 6 21 · 6	19·9 19·9 19·8 19·7 19·7	19·0 18·9 18·8 18·8	18·4 18·4 18·3 18·0 18·4	18·3 18·2 17·9 17·9 18·1	18·9 19·5 19·3 19·2 19·2	20 · 6 22 · 7 23 · 7 24 · 7 26 · 2	34 · 3 33 · 6 33 · 4 32 · 8 32 · 7	29·8 29·9 30·4 29·8 29·9
6. 7. 8. 9.	30·3 30·6 31·4 32·8 32·8	25·8 25·8 25·8 25·6 25·8	23 · 8 23 · 6 23 · 6 23 · 5 24 · 3	$21 \cdot 4$ $21 \cdot 3$ $21 \cdot 1$ $20 \cdot 8$ $20 \cdot 8$	19·6 19·4 19·5 19·6	18 · 9 19 · 1 19 · 0 18 · 8 18 · 8	18·5 18·4 18·3 18·5	18-1 18-3 18-5 18-7 18-8	19.6 19.6 19.5 19.3 19.2	28·6 31·6 32·3 36·5 38·4	32·6 33·0 33·9 32·8 32·6	30·0 30·0 29·9 30·6 30·5
11 12 13 14 15	32 · 8 35 · 8 36 · 1 37 · 4 37 · 4	25 · 8 25 · 8 25 · 8 25 · 6 25 · 4	23·5 23·3 23·3 23·3 23·4	20 · 8 20 · 8 20 · 8 20 · 7 20 · 6	19·8 19·6 19·5 19·6 19·8	18 · 8 19 · 1 19 · 0 18 · 8 18 · 6	18·5 18·4 18·6 18·4 18·0	18·6 18·3 18·4 18·6 18·6	19·4 19·4 19·8 20·3 20·5	38·5 38·6 37·5 37·6 37·6	31 · 8 31 · 7 31 · 4 32 · 1 32 · 8	30·4 30·5 30·6 30·3 30·5
16. 17. 18 19. 20.	34 · 8 35 · 2 38 · 8 38 · 3 38 · 3	$25 \cdot 1$ $25 \cdot 1$ $24 \cdot 8$ $25 \cdot 6$ $24 \cdot 4$	23 · 4 23 · 3 23 · 1 23 · 1 23 · 1	$20 \cdot 4$ $20 \cdot 4$ $20 \cdot 5$ $20 \cdot 4$ $20 \cdot 3$	20 · 0 19 · 9 19 · 8 19 · 8 19 · 5	18.8 18.9 18.8 18.7	18-1 18-4 18-3 18-4 18-4	18·8 18·8 18·6 18·4 18·8	20·8 20·8 20·6 20·6 20·1	36·8 37·6 37·1 36·9 36·3	32·6 32·3 32·7 32·4 32·4	30 · 6 30 · 3 30 · 5 30 · 7 29 · 9
21 22 23 24 25	37·1 33·9 30·7 28·3 26·4	24·0 23·9 23·9 23·8 23·8	$23 \cdot 0$ $22 \cdot 8$ $22 \cdot 8$ $22 \cdot 4$ $22 \cdot 3$	$20 \cdot 3$ $20 \cdot 3$ $20 \cdot 1$ $20 \cdot 1$ $20 \cdot 1$	19·4 19·4 19·6 19·5 19·5	18·7 18·7 18·8 18·9 19·1	18·4 18·3 18·3 18·4 18·4	19·0 18·9 18·8 18·8 18·9	19·9 19·9 19·9 20·3 20·3	36·2 35·9 35·8 35·9 35·8	31·3 31·1 30·1 29·4 30·3	29·5 30·6 31·0 30·8 30·7
26. 27. 28. 29. 30.	25·4 24·1 23·8 23·9 24·3	$24 \cdot 1$ $24 \cdot 2$ $24 \cdot 2$ $24 \cdot 4$ $24 \cdot 5$ $24 \cdot 4$	22·1 22·1 22·1 22·1 22·1 22·1	20·3 20·3 20·3 20·3 19·9 19·9	19·6 19·5 19·3 19·4 19·4 19·3	19·1 18·8 18·8 18·7 18·7	18-5 18-4 18-3 18-3 18-2 17-9	18-8 18-8 18-9 18-8 18-8	20·3 26·4 19·9 19·9 19·8 20·6	35·7 35·3 34·4 33·9 33·8 34·0	30 · 4 30 · 1 30 · 0 29 · 8	30·8 30·7 30·7 30·7 30·6 30·7

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1912–13.

ABLE No.

			-				-		1	-		
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	30·8 30·8 30·8 30·6 31·1	26 · 6 26 · 2 25 · 9 25 · 6 25 · 4	29 · 1 29 · 2 28 · 9 28 · 6 28 · 3	23·8 23·3 23·1 22·9 22·8	21·4 21·3 21·3 21·3 21·3	20 · 8 20 · 8 20 · 8 20 · 8 20 · 8	21·0 21·0 21·0 20·9 20·9	21 · 9 21 · 8 21 · 6 21 · 3 21 · 4	21 · 6 21 · 6 21 · 9 22 · 3 22 · 4	23 · 4 22 · 9 22 · 6 22 · 3 22 · 3	36·3 27·6 37·6 37·5 37·1	34·8 34·8 34·3 34·1 34·1
6	31 · 3 32 · 6 34 · 4 34 · 6 35 · 1	25·0 24·9 24·8 24·8 24·8	27 · 8 27 · 6 27 · 1 26 · 9 26 · 6	22·9 22·6 22·5 22·3 22·2	$\begin{array}{c} 21 \cdot 1 \\ 21 \cdot 1 \\ 21 \cdot 1 \\ 21 \cdot 0 \\ 21 \cdot 0 \end{array}$	20 · 8 20 · 8 20 · 8 20 · 8 20 · 8	20 · 5 20 · 4 20 · 6 20 · 4 20 · 6	21·5 22·1 24·3 24·2 24·3	$22 \cdot 5$ $22 \cdot 8$ $23 \cdot 0$ $22 \cdot 8$ $22 \cdot 6$	$22 \cdot 9$ $23 \cdot 4$ $25 \cdot 2$ $25 \cdot 6$ $27 \cdot 1$	36·5 36·8 36·8 37·6 37·6	33 · 9 33 · 7 33 · 2 33 · 9 33 · 9
11 12 13 14 15	36·1 36·2 36·8 36·8 36·4	$24 \cdot 7$ $24 \cdot 6$ $24 \cdot 6$ $24 \cdot 6$ $24 \cdot 9$	26·3 26·2 26·0 25·8 25·6	$\begin{array}{c} 22 \cdot 2 \\ 22 \cdot 2 \\ 22 \cdot 1 \\ 22 \cdot 0 \\ 22 \cdot 0 \end{array}$	$21 \cdot 1$ $21 \cdot 2$ $21 \cdot 4$ $21 \cdot 5$ $21 \cdot 8$	$21 \cdot 1$ $20 \cdot 9$ $20 \cdot 9$ $20 \cdot 9$ $20 \cdot 8$	20 · 7 20 · 4 20 · 5 20 · 7	24 · 3 24 · 3 24 · 2 24 · 0 24 · 4	$22 \cdot 7$ $22 \cdot 7$ $22 \cdot 3$ $22 \cdot 3$ $22 \cdot 3$	28.6 29.6 30.3 30.5 31.1	37·5 37·1 36·5 36·8 36·8	34·0 33·9 33·9 33·9 34·8
16. 17. 18. 19. 20.	38 · 6 40 · 1 40 · 7 41 · 8 42 · 4	$25 \cdot 5$ $26 \cdot 0$ $26 \cdot 1$ $26 \cdot 5$ $26 \cdot 3$	25·6 25·5 25·6 25·4 25·2	$22 \cdot 2$ $22 \cdot 2$ $22 \cdot 0$ $21 \cdot 9$ $21 \cdot 8$	21 · 0 21 · 6 21 · 3 21 · 2 20 · 8	$21 \cdot 6$ $20 \cdot 8$ $20 \cdot 7$ $20 \cdot 7$ $21 \cdot 3$	20 · 5 20 · 3 20 · 2 20 · 1 20 · 3	24 · 2 23 · 7 23 · 4 23 · 1 22 · 8	$22 \cdot 3$ $22 \cdot 0$ $21 \cdot 8$ $21 \cdot 7$ $21 \cdot 7$	32·2 32·6 32·4 32·3 32·8	36·2 36·3 36·3 36·1 35·8	35·9 35·8 35·8 36·0 36·0
21 22 23 24 25	41·7 36·8 33·7 32·0 30·9	26·3 26·4 26·2 26·3 25·8	25 · 2 25 · 0 24 · 7 24 · 5 24 · 4	21 · 8 21 · 7 21 · 7 21 · 6 21 · 6	20 · 8 20 · 8 20 · 8 20 · 8 20 · 8	21·3 20·9 20·8 20·9 21·0	20·3 20·3 20·3 20·9 21·9	22 · 6 22 · 5 22 · 5 23 · 2 23 · 4	21 · 6 21 · 8 22 · 3 23 · 1 24 · 1	33·5 33·6 33·8 34·4 34·6	36·4 36·2 35·8 35·0 34·8	36.8 37.6 37.9 38.4 39.5
26		26·8 26·8 26·8 27·2 28·7 29·1	24 · 4 24 · 2 23 · 9 23 · 8 23 · 8	21 · 6 21 · 5 21 · 5 21 · 5 21 · 5 21 · 5	$20 \cdot 8$ $21 \cdot 1$ $20 \cdot 9$ $21 \cdot 1$ $21 \cdot 0$ $20 \cdot 9$	21·0 21·1 21·0 21·0 20·9	$\begin{array}{c} 22 \cdot 2 \\ 22 \cdot 0 \\ 22 \cdot 1 \\ 22 \cdot 1 \\ 22 \cdot 1 \\ 22 \cdot 0 \\ 22 \cdot 1 \end{array}$	23·0 22·6 22·4 22·2 22·1	24.5 24.1 24.0 23.8 23.8 23.9	34·5 34·4 35·2 35·2 37·6 36·3	35.0 35.3 34.8	39·7 39·6 40·0 39·7 38·6 41·6

ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1913-14.

TABLE No. 722.

										1211	LE NO.	122.
12 23 45	46·0 44·0 42·3 41·1 42·1	26·6 26·7 26·9 26·9 27·0	24·7 24·7 24·6 24·6 24·2	$\begin{array}{c} 22 \cdot 1 \\ 22 \cdot 1 \end{array}$	21 · 4 21 · 4 21 · 3 21 · 6 21 · 5	$20 \cdot 8$ $20 \cdot 9$ $20 \cdot 9$ $21 \cdot 2$ $21 \cdot 0$	20 · 4 20 · 4 20 · 3 19 · 8 20 · 7	21 · 4 21 · 6 21 · 4 21 · 4 21 · 4	$21.6 \\ 21.7 \\ 21.7 \\ 21.6 \\ 21.6$	22 · 4 23 · 8 25 · 1 26 · 3 26 · 7	34·5 34·3 34·3 34·3	30 · 1 30 · 1 30 · 2 30 · 1 30 · 0
6	37·2 38·9 36·7 34·9 33·3	$27 \cdot 0$ $27 \cdot 2$ $27 \cdot 2$ $27 \cdot 1$ $27 \cdot 0$	$24 \cdot 0$ $24 \cdot 1$ $24 \cdot 0$ $23 \cdot 9$ $23 \cdot 6$	$\begin{array}{c} 21 \cdot 9 \\ 21 \cdot 9 \\ 22 \cdot 1 \\ 22 \cdot 0 \\ 22 \cdot 0 \end{array}$	21 · 4 21 · 4 21 · 3 21 · 3 21 · 1	$20 \cdot 8$ $20 \cdot 6$ $20 \cdot 5$ $20 \cdot 7$ $20 \cdot 5$	$20 \cdot 6$ $20 \cdot 5$ $20 \cdot 3$ $20 \cdot 1$ $20 \cdot 1$	$21 \cdot 1$ $21 \cdot 1$ $20 \cdot 8$ $20 \cdot 9$ $20 \cdot 6$	$21 \cdot 7$ $21 \cdot 4$ $21 \cdot 8$ $21 \cdot 6$ $21 \cdot 3$	$28 \cdot 0$ $28 \cdot 5$ $29 \cdot 3$ $29 \cdot 4$ $30 \cdot 1$	$33 \cdot 4$ $32 \cdot 9$ $32 \cdot 8$ $32 \cdot 4$ $31 \cdot 9$	$30 \cdot 0$ $29 \cdot 9$ $29 \cdot 5$ $29 \cdot 2$ $28 \cdot 7$
11 12 13 14 15	31·8 30·1 28·3 · 27·8 27·2	$26 \cdot 8$ $26 \cdot 6$ $26 \cdot 3$ $26 \cdot 3$ $26 \cdot 0$	23 · 4 23 · 7 23 · 4 23 · 5 23 · 3	22·0 21·8 21·8 21·8 21·8	$21 \cdot 1$ $20 \cdot 9$ $20 \cdot 8$ $20 \cdot 9$ $20 \cdot 9$	20 · 5 20 · 4 20 · 4 20 · 3 20 · 3	$20 \cdot 0$ $20 \cdot 0$ $20 \cdot 1$ $20 \cdot 3$ $20 \cdot 3$	21.0 21.3 21.1 21.1 21.3	$21 \cdot 7$ $21 \cdot 4$ $21 \cdot 3$ $21 \cdot 1$ $21 \cdot 1$	$31 \cdot 3$ $33 \cdot 0$ $36 \cdot 3$ $37 \cdot 4$ $38 \cdot 7$	31.8 $ 31.6 $ $ 30.9 $ $ 30.8 $ $ 30.6$	$29 \cdot 1$ $28 \cdot 9$ $29 \cdot 5$ $29 \cdot 5$ $29 \cdot 7$
16	26·8 26·6 26·3 26·4 26·5	$25 \cdot 8$ $25 \cdot 6$ $25 \cdot 3$ $25 \cdot 2$ $25 \cdot 3$	23·3 23·3 23·1 23·1	21 · 8 21 · 8 21 · 8 21 · 8 21 · 8	20 · 8 20 · 8 20 · 9 21 · 1 20 · 8	20·3 20·3 20·6 20·6 20·4	20 · 5 20 · 4 20 · 4 20 · 8 20 · 8	$21 \cdot 3$ $21 \cdot 1$ $21 \cdot 2$ $21 \cdot 3$ $21 \cdot 5$	21.0 20.9 21.3 21.2 20.7	38·6 38·2 37·9 37·3 37·3	$30 \cdot 1$ $30 \cdot 9$ $31 \cdot 5$ $32 \cdot 1$ $31 \cdot 7$	29·7 29·8 30·1 30·4 30·3
21	26·3 26·2 26·3 26·2 26·1	25·1 24·9 25·6 25·6 24·8	23.0 22.9 22.8 22.8 22.8	21·8 21·8 21·7 21·7 21·7	20·7 20·5 20·7 20·7 20·8	$20 \cdot 3$ $20 \cdot 4$ $20 \cdot 4$ $20 \cdot 4$ $20 \cdot 3$	20 · 3 20 · 6 20 · 5 20 · 5 20 · 9	21.6 21.6 21.6 21.6 21.8	20.8 20.8 20.8 21.0 20.8	36.8 36.3 35.8 36.3 37.4	$30 \cdot 9$ $30 \cdot 6$ $29 \cdot 8$ $29 \cdot 9$ $29 \cdot 8$	$30 \cdot 4$ $30 \cdot 0$ $30 \cdot 3$ $30 \cdot 1$ $30 \cdot 1$
26. 27. 28. 29. 30.	26·1 26·1 26·4 26·7 26·6	24 · 6 24 · 6 24 · 4 24 · 8 24 · 8 24 · 9	22.7 22.6 22.6 22.4 22.2	21.7 21.5 21.4 21.5 21.5 21.5 21.5	20·8 20·8 20·8 20·8 20·8 20·8	20·3 20·3 20·1 20·2 20·5	21 · 8 21 · 4 21 · 6 21 · 6 22 · 0 21 · 9	21.8 21.9 21.9 21.7 21.7	$21 \cdot 3$ $21 \cdot 0$ $20 \cdot 8$ $21 \cdot 3$ $21 \cdot 8$ $22 \cdot 0$	36.3 .	29·9 30·5 30·0	$30 \cdot 1$ $30 \cdot 8$ $31 \cdot 9$ $32 \cdot 3$ $33 \cdot 7$ $33 \cdot 8$

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ELEVATIONS above M.S.L. of St. Lawrence River at Lower Lachine, for 1914-15.

												.10. 120.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	33·4 33·0 34·5 34·4 35·5	$24 \cdot 1$ $24 \cdot 1$ $24 \cdot 1$ $24 \cdot 1$ $23 \cdot 9$ $24 \cdot 1$	22·1 22·1 21·9 21·9 21·9	21 · 8 21 · 8 21 · 8 21 · 6 21 · 6	20·3 20·3 20·3 20·2 20·3	19·8 19·9 19·9 19·9 19·8	19·2 19·1 19·1 18·9 18·9	18·6 18·8 18·9 18·9 18·9	18·8 18·8 18·9 18·9 19·3	31·9 31·3 31·5 30·7 30·7	28·3 27·8 27·4 27·2 27·2	28·5 28·6 28·8 28·1 28·4
6	36.0 35.2 34.9 34.7 33.9	24 · 2 24 · 2 24 · 2 24 · 4 24 · 4	$21 \cdot 8$ $21 \cdot 7$ $21 \cdot 8$ $21 \cdot 9$ $21 \cdot 6$	21·5 21·4 21·5 21·5 21·5	$20 \cdot 3$ $20 \cdot 2$ $20 \cdot 1$ $20 \cdot 1$ $20 \cdot 1$	$19 \cdot 9$ $20 \cdot 0$ $20 \cdot 3$ $20 \cdot 2$ $19 \cdot 9$	19·3 19·1 18·9 19·0 19·0	19·1 19·1 18·9 18·9 18·9	19·1 18·9 18·9 18·8 19·2	30·7 31·8 32·0 30·4 30·4	27·3 28·3 27·4 26·9 26·7	28·4 28·0 27·8 27·8 27·7
11	33·4 33·3 33·1 32·5 31·9	$24 \cdot 6$ $24 \cdot 3$ $24 \cdot 3$ $24 \cdot 2$ $24 \cdot 1$	$21 \cdot 6$ $21 \cdot 6$ $21 \cdot 7$ $21 \cdot 7$ $21 \cdot 5$	21·3 21·3 21·2 21·1 20·9	20 · 1 20 · 1 19 · 9 19 · 8 19 · 8	19·9 19·8 19·6 19·5 19·4	18·8 18·8 19·2 19·1 18·8	18·8 18·6 18·7 18·6 18·7	$\begin{array}{c} 19 \cdot 4 \\ 19 \cdot 5 \\ 20 \cdot 1 \\ 20 \cdot 1 \\ 20 \cdot 3 \end{array}$	$30 \cdot 2$ $29 \cdot 8$ $30 \cdot 3$ $31 \cdot 1$ $29 \cdot 1$	27 · 3 27 · 4 27 · 6 27 · 4 27 · 5	27·7 27·5 27·7 28·0 27·9
16	$ \begin{array}{r} 31 \cdot 4 \\ 31 \cdot 5 \\ 31 \cdot 4 \\ 31 \cdot 3 \\ 30 \cdot 7 \end{array} $	23 · 7 23 · 8 23 · 5 23 · 3 23 · 2	21 · 6 21 · 4 21 · 3 21 · 1 21 · 3	20 · 8 20 · 7 20 · 7 20 · 6 20 · 6	19·8 19·8 19·8 19·8 19·8	19·4 19·4 19·4 19·4 19·3	18·8 18·9 19·0 19·0 19·6	18·9 19·1 19·4 19·3 20·3	$\begin{array}{c} 20 \cdot 1 \\ 23 \cdot 1 \\ 24 \cdot 6 \\ 25 \cdot 9 \\ 27 \cdot 3 \end{array}$	$30 \cdot 0$ $30 \cdot 1$ $30 \cdot 0$ $30 \cdot 1$ $30 \cdot 0$	$28 \cdot 1$ $28 \cdot 1$ $28 \cdot 0$ $28 \cdot 2$ $28 \cdot 1$	27·8 27·7 27·6 27·4 27·4
21. 22. 23. 24. 25.	$30 \cdot 4$ $29 \cdot 3$ $27 \cdot 8$ $26 \cdot 3$ $24 \cdot 6$	$23 \cdot 1$ $22 \cdot 9$ $22 \cdot 8$ $22 \cdot 7$ $22 \cdot 4$	21 · 2 21 · 2 21 · 3 21 · 3 21 · 4	$20 \cdot 6$ $20 \cdot 7$ $20 \cdot 7$ $20 \cdot 6$ $20 \cdot 6$	19·8 19·8 19·9 19·9 20·1	19·3 19·4 19·4 19·6 19·6	19·3 19·4 19·3 19·1 18·8	20·1 19·6 19·1 18·8 18·7	$28 \cdot 4$ $29 \cdot 1$ $31 \cdot 7$ $32 \cdot 9$ $30 \cdot 5$	$29 \cdot 6$ $28 \cdot 9$ $28 \cdot 5$ $28 \cdot 6$ $28 \cdot 5$	27·8 27·8 27·8 27·8 28·4	27·4 27·4 27·6 27·6 27·8
26	24·0 23·8 23·9 24·1 24·1	22·3 22·3 22·3 22·2 22·1 22·1	21·4 21·4 21·6 21·6 21·9	20 · 7 20 · 8 20 · 8 20 · 8 20 · 6 20 · 3	19·9 19·8 19·8 19·8 19·8 19·8	19·4 19·3 19·3 19·3 19·3	18·8 18·8 18·6 18·6 18·7 18·8	18·7 19·0 18·9 18·8 18·8	30·3 33·8 32·7 33·0 33·4 32·4	28·4 28·4 28·4 28·5 28·1 27·9	28·9 29·0 28·7	28·3 28·3 29·0 28·8 28·3 28·1

ELEVATIONS above M.S.L. of St. Lawrence River at Pointe aux Trembles, for 1912-13.

	TABLE No. 724
2 3 4 20	.40 20·60 27·10 .40 20·50 27·00 .60 20·90 27·11 .65 20·90 26·70 .50 21·30 27·70 26·80
7	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
13	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
17	80 27·10 27·90 70 27·30 27·80 80 27·10 27·90 00 27·90 27·90 80 27·40 28·90
24 20.70 22-	
96 29.50 23.27 29.50 29.	80 27·35 40 27·20

SESSIONAL PAPER No. 19a

Elevations above M.S.L. of St. Lawrence River at Pointe aux Trembles, for 1913–14.

TABLE No. 725.

Day.	April.	May.	fune.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1		24·90 24·90	22 · 70 22 · 70 22 · 80 22 · 60 22 · 50	20.00 20.00 19.90 19.80 20.00	19-60 19-60 19-50 19-40 19-60	18·70 18·60 18·70 18·80 18·70	18·50 19·00 18·50 18·40 18·50	19 · 80 19 · 70 19 · 50 19 · 60 19 · 40	19·80 19·70 19·80 19·70 19·80	20 · 90 20 · 80 23 · 00 23 · 50 24 · 00	25·40 25·10 25·20	
6				19·70 19·80 19·90 19·90 19·70	19·50 19·30 19·30 19·20 19·10	18·70 18·70 18·70 18·60 18·50	18·30 18·40 18·40 18·30 18·30	19·70 19·80 19·90 20·10 20·00	19·70 19·60 19·70 19·50 19·50	$\begin{array}{c} 26 \cdot 00 \\ 25 \cdot 30 \\ 24 \cdot 60 \\ 24 \cdot 80 \\ 24 \cdot 80 \end{array}$	25·10 25·20 25·40	
11 12 13 14 15	27·50 26·80	24·80 24·60 24·50 24·30 24·10		19·70 19·80 19·70 19·60 19·70	19·00 18·90 18·80 18·70 18·70	18 · 60 18 · 60 18 · 50 18 · 40 18 · 30	18·20 18·10 18·00 18·00 18·10	19·70 19·80 19·70 19·40 19·40	19·40 19·40 19·30 19·30 19·40	24 · 80 24 · 70 24 · 70 24 · 70 24 · 90	23·00 23·20	
16. 17. 18. 19. 20.	25 · 90 25 · 70 25 · 60 25 · 40 25 · 10	24 · 10 24 · 00 23 · 90 24 · 20 23 · 80	$\begin{array}{c} 20 \cdot 20 \\ 20 \cdot 10 \\ 20 \cdot 30 \\ 20 \cdot 10 \\ 19 \cdot 90 \end{array}$	19 · 50 19 · 40 19 · 50 19 · 70 19 · 80	18·70 18·80 18·80 18·70 18·80	18 · 20 18 · 40 18 · 30 18 · 30 18 · 40	18·30 18·30 18·00 18·40 19·00	19·30 19·30 19·20 19·40 19·30	$\begin{array}{c} 19 \cdot 20 \\ 19 \cdot 20 \\ 19 \cdot 10 \\ 19 \cdot 30 \\ 19 \cdot 50 \end{array}$	25.00 25.00 25.00 24.80 24.90	23·50 23·50	
21	$\begin{array}{c} 24 \cdot 60 \\ 24 \cdot 10 \\ 24 \cdot 20 \\ 24 \cdot 00 \\ 24 \cdot 30 \end{array}$	23 · 60 23 · 40 23 · 20 23 · 30 23 · 10	$\begin{array}{c} 19 \cdot 90 \\ 19 \cdot 80 \\ 19 \cdot 90 \\ 20 \cdot 00 \\ 20 \cdot 10 \end{array}$	19 · 89 19 · 60 19 · 70 19 · 60 19 · 80	18·70 18·60 18·60 18·60 18·60	18 · 40 18 · 30 18 · 30 18 · 40 18 · 30	18·00 18·50 18·60 18·60 19·60	19·50 19·60 19·80 19·70 19·70	19 · 40 19 · 60 19 · 70 20 · 00 20 · 40	$\begin{array}{c} 25 \cdot 00 \\ 24 \cdot 90 \\ 24 \cdot 90 \\ 25 \cdot 10 \\ 25 \cdot 30 \end{array}$	23 · 50 23 · 40 23 · 40	
26. 27. 28. 29. 30. 31.	24·30 24·50 24·50 24·60 24·80	23·10 22·80 23·00 22·90 23·10 22·80	20·20 19·90 19·90 19·80 20·00	19·60 19·40 19·40 19·10 19·30 19·50	18-60 18-70 18-70 18-70 18-70	18·30 18·20 18·00 18·10 18·20	20 · 00 20 · 10 20 · 00 19 · 80 19 · 80 19 · 70	19·80 19·60 19·70 19·80 19·80	20 · 50 20 · 70 20 · 80 20 · 70 20 · 80 20 · 80 20 · 80	25·50 25·40 25·50 25·50 26·10 26·00	23 · 60	

Elevations above M.S.L. of St. Lawrence River at Pointe aux Trembles, for 1914-15.

					TABLE N	Vo. 726.
1	23·36 19·87 21·94 19·77 22·11 19·67 22·07 19·77 22·11 19·77	19·57 18·27 19·57 18·27 19·57 18·17 19·42 18·07 19·27 17·97	17.65 17.07 17.67 16.97 17.67 16.97	16·97 16·77 . 16·97 17·07 . 17·07 17·42	22 · 67	24 · 17 24 · 04 24 · 19 23 · 81 23 · 67
6	22·11 19·72 22·11 19·67 22·23 19·67 22·78 19·77 22·78 19·67	19·17 17·97 19·17 17·97 19·17 17·87 19·47 17·87 19·27 17·87	17.97 16.87 18.07 16.97 18.07 16.97	17·22 17·87 17·07 17·87 16·87 17·97	22·97 23·40 22·97	23 · 82 23 · 47 23 · 22 23 · 17 23 · 11
11	22·82 19·67 23·03 19·67 22·73 19·57 22·36 19·47 22·19 19·47	19·17 17·77 19·07 17·77 19·07 17·67 18·97 17·67 18·87 17·67	17.67 16.97 17.57 17.07 17.47 17.07	16-67 18-27 16-82 18-67	22·27 22·28 24·77 22·92 24·24 22·77 24·27 22·67	23 · 00 22 · 87 22 · 65 22 · 67 22 · 70
16	21 · 90	18·67 17·77 18·47 17·87 18·47 17·77 18·42 17·67 18·42 17·67	17·27 17·07 17·27 17·37 17·37 17·67	17·17 22·07 17·47 23·57 17·60	$\begin{array}{cccc} 24 \cdot 72 & 23 \cdot 15 \\ 24 \cdot 77 & 23 \cdot 19 \\ 24 \cdot 77 & 22 \cdot 94 \\ 24 \cdot 90 & 22 \cdot 97 \\ 24 \cdot 87 & 23 \cdot 12 \\ \end{array}$	22·77 22·74 22·67 22·47 22·42
21	$\begin{array}{cccc} 20 \cdot 87 & 18 \cdot 77 \\ 20 \cdot 75 & 18 \cdot 87 \\ 20 \cdot 67 & 18 \cdot 97 \\ 20 \cdot 57 & 18 \cdot 97 \\ 20 \cdot 47 & 19 \cdot 17 \end{array}$	18·37 17·77 18·37 17·67 18·47 17·92 18·47 17·87 18·47 17·97	17·37 17·57 17·42 17·47 17·47 17·27	17·57	$\begin{array}{cccc} 24\cdot 53 & 22\cdot 97 \\ 23\cdot 90 & 22\cdot 92 \\ 23\cdot 50 & 22\cdot 92 \\ 23\cdot 37 & 22\cdot 92 \\ 23\cdot 37 & 23\cdot 50 \end{array}$	22·47 22·53 22·62 22·72 23·05
26	20·37 19·47 20·37 19·57 20·27 19·57 20·27 19·57 20·02 19·57 19·97	18·47 17·87 18·47 17·82 18·57 17·77 18·67 17·67 18·57 17·67 18·37 17·57	17·37 17·07 17·37 16·87 17·27 16·87 17·27 16·87	16·97 17·07 16·97 16·87	23·27 24·12 23·39 24·42 23·36 24·30 23·47 23·12 23·17	23 · 42 23 · 32 23 · 37 23 · 37 23 · 42 23 · 39

6 GEORGE V, A. 1916

Elevations above M.S.L. of St. Lawrence River at Lanoraie, for 1911-12.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1					20.34	19.34	18.74	18.34	19 14	22.24	26.04	24.94
2					20.34	19.14	18-94	18-24	19.94	23.94	25.94	25.24
4					19·84 19·74	19·04 18·94	19·14 19·04	18·14 17·94	19.84	25·84 26·64	25·74 25·64	25·34 25·39
5					19.64	18-84	18.84	18.09	20.24	26.94	25.54	25.44
6					19-64	18.89	18.84	18.34	20.74	27.14	25.54	25.54
7					19·59 19·54	18.94	18·89 18·84	18·74 18·74	20 · 64	26·94 26·44	25.44	25·54 25·44
89					19.54	19.24	18.79	19.24	20 - 34	26.84	26.14	25.64
10					19.69	19.24	19.04	19.44	20.04	27.05	25.84	25.59
11					19.74	19.34	19-09	19.34	19.94	26.34	25.54	25.34
12					19·94 19·84	19·44 19·54	19·14 19·24	18 · 94 18 · 74	20.04	26·24 26·14	25·14 25·14	25·44 25·54
13					19.84	19.44	19.04	18-64	20.94	26.04	25.39	25.54
15					20.14	19.49	18.79	18.84	21 - 24	26.14	25.74	25.54
16					20.44	19.34	18 - 54	19.04	21.74	26 - 24	26.04	25·64 25·54
17 18					20·64 20·74	19·39 19·44	18 · 84 18 · 74	18.84	21.87	26·54 26·54	26·04 26·24	25.54
19					20.64	19-39	18.74	18-64	21.14	26.44	26 - 24	25.64
20				20.64	20.24	19 - 24	18 - 84	18.84	20.74	26.54	26.34	25.74
21				20.34	19.74	19.29	18-94	19.04	20.24	26 - 24	26.14	
22				20.54	19·64 19·74	19 - 24	18·99 18·94	19·19 19·24	20·34 20·54	26·34 26·24	25·84 25·54	25 · 34 25 · 59
24				20 - 64	19.84	19.14	18.74	19.19	20.74	26.54	25.04	25.89
25				10.24	19.74	19.54	18.84	19.29	20.84	26 - 64	25.49	25.94
26				20.34	19.94	19.74	18-89	19.34	20 74	26.74	25.19	
27 28				20.44	20·04 19·94	19.64	18·74 18·64	19·24 19·34	21 · 14 20 · 54	26 · 74 26 · 44	25·14 25·04	
29				20.54	19.94	19.29	18-14	19.14	20.04	26.04	24 - 94	
30				20.24	19.74	18.94	18.04	19.09	20.24	25.74		25.94
31				20.24	19-54		18-14		20.74	25-84		25.94

Elevations above M.S.L. of St. Lawrence River at Lanoraie, for 1912-13.

					IABLE NO). 120.
1. 19·77 2 19·77 3 20·17 4 20·22 5 20·37	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	17·32 15·27 17·02 15·32 16·82 15·37 16·62 15·27 16·52 15·02	15·07 15·37 15·02 15·37 14·97 15·22 14·82 15·02 14·72 14·82	16·52 15·9 16·32 15·8 16·07 15·8 15·77 16·0 15·87 16·2	18·42 23·67 2 17·72 22·47 17·42 23·47	23·47 23·37 23·22 23·07 23·02
6. 20·47 7. 20·87 8. 22·07 9. 23·42 10. ,	19·67 21·97 19·27 21·57 18·97 21·07 18·92 20·82 18·87 20·42	$\begin{array}{cccc} 16\cdot 62 & 14\cdot 92 \\ 16\cdot 32 & 14\cdot 87 \\ 16\cdot 17 & 14\cdot 87 \\ 16\cdot 02 & 14\cdot 92 \\ 15\cdot 82 & 15\cdot 02 \end{array}$	$\begin{array}{cccc} 14\cdot 57 & 14\cdot 62 \\ 14\cdot 57 & 14\cdot 47 \\ 14\cdot 67 & 14\cdot 37 \\ 14\cdot 67 & 14\cdot 37 \\ 14\cdot 72 & 14\cdot 42 \end{array}$	15·97 16·33 16·67 16·73 18·37 17·03 18·92 17·33 19·17 17·13	2 19·02 23·22 2 20·12 23·07 2 21·57 22·72	22 · 97 22 · 87 22 · 67 22 · 72 22 · 67
11 12 13 14 15	18·77 20·27 18·77 20·02 18·87 19·97 18·67 19·87 19·07 19·87	$\begin{array}{cccc} 15\cdot82 & 15\cdot22 \\ 16\cdot02 & 15\cdot42 \\ 15\cdot92 & 15\cdot57 \\ 15\cdot92 & 15\cdot87 \\ 16\cdot07 & 16\cdot07 \end{array}$	$\begin{array}{cccc} 14\cdot 92 & 14\cdot 92 \\ 15\cdot 12 & 15\cdot 17 \\ 15\cdot 32 & 15\cdot 17 \\ 15\cdot 32 & 15\cdot 07 \\ 15\cdot 27 & 14\cdot 97 \end{array}$	19·02 16·7 18·77 16·4 18·42 16·2 18·57 16·3 19·27 16·3	7 22·37 7 23·67 22·37 7 23·97 22·37	22·77 22·87 22·97 23·07 23·42
16	$\begin{array}{cccc} 19\cdot 47 & 19\cdot 77 \\ 19\cdot 97 & 19\cdot 62 \\ 20\cdot 37 & 19\cdot 67 \\ 20\cdot 57 & 19\cdot 67 \\ 20\cdot 77 & 19\cdot 57 \end{array}$	$\begin{array}{cccc} 16 \cdot 27 & 16 \cdot 12 \\ 16 \cdot 27 & 15 \cdot 97 \\ 16 \cdot 17 & 15 \cdot 57 \\ 16 \cdot 27 & 15 \cdot 32 \\ 16 \cdot 27 & 15 \cdot 22 \end{array}$	$\begin{array}{cccc} 15 \cdot 27 & 14 \cdot 87 \\ 15 \cdot 22 & 14 \cdot 37 \\ 14 \cdot 87 & 14 \cdot 17 \\ 14 \cdot 52 & 14 \cdot 17 \\ 14 \cdot 92 & 14 \cdot 17 \end{array}$	18·72 16·1: 18·22 16·0: 17·77 16·0: 17·22 16·0: 16·87 15·9:	2 24·47 22·17 2 24·67 22·92 2 24·82 23·42	$24 \cdot 12$ $24 \cdot 52$ $24 \cdot 82$ $25 \cdot 22$ $25 \cdot 32$
21 22 23 24 25	$\begin{array}{cccc} 20 \cdot 57 & 19 \cdot 27 \\ 20 \cdot 47 & 18 \cdot 97 \\ 20 \cdot 47 & 18 \cdot 52 \\ 20 \cdot 37 & 18 \cdot 27 \\ 20 \cdot 87 & 18 \cdot 17 \\ \end{array}$	$\begin{array}{cccc} 16\cdot 17 & 15\cdot 02 \\ 15\cdot 87 & 14\cdot 77 \\ 15\cdot 52 & 14\cdot 62 \\ 15\cdot 67 & 14\cdot 57 \\ 15\cdot 47 & 14\cdot 67 \end{array}$	$\begin{array}{cccc} 15 \cdot 37 & 14 \cdot 27 \\ 15 \cdot 22 & 14 \cdot 37 \\ 15 \cdot 12 & 14 \cdot 32 \\ 15 \cdot 02 & 15 \cdot 12 \\ 15 \cdot 02 & 16 \cdot 37 \end{array}$	16·62 15·7 16·52 15·9 16·52 16·7 16·97 18·1 17·92 19·7	7 25·37 23·87 2 25·42 23·87 7 25·57 23·92	25·82 26·67 27·42 28·22 28·92
26	21.07 18.12 20.87 17.82 20.87 17.57 21.07 17.57 22.97 17.52 23.17	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	15·12 16·92 15·17 16·67 15·12 16·62 15·27 16·57 15·17 16·52 16·47	17·92 20·3 16·72 20·1 16·47 20·0 16·22 20·2 16·37 20·2 19·7	7 25.92 23.57 7 25.17 23.47 2 24.42	29·07 28·77 28·77 28·42 27·97 27·42

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of St. Lawrence River at Lanoraie, for 1913-14.

and the same of th	-										DLE N	0. 120.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	27.92	21·37	18·57	16·02	14 · 67	14·47	14·12	15·17	15·37	16·57	18·47	16·97
	27.87	21·37	18·57	15·92	14 · 72	14·62	14·22	14·97	15·37	16·57	18·47	17·07
	27.37	21·37	18·47	15·72	14 · 82	14·72	14·57	14·72	15·17	16·67	18·52	17·32
	26.87	21·32	18·47	15·62	15 · 12	14·92	14·97	14·62	15·07	16·77	18·57	17·77
	26.57	21·37	18·37	15·67	15 · 27	14·97	14·82	15·12	15·02	16·77	18·52	18·17
6	27·17	21·37	18·22	15·72	15·22	14·87	14·52	15·37	14.97	16-87	18 · 47	18·37
	27·32	21·42	18·17	15·77	15·17	14·67	14·42	15·62	14.87	17-07	18 · 32	18·37
	26·67	21·47	18·02	15·77	15·07	14·42	14·02	15·97	14.82	17-07	18 · 17	18·17
	26·27	21·37	17·82	15·77	14·82	14·22	13·57	15·07	14.72	17-47	18 · 02	18·07
	25·77	21·27	17·52	15·72	14·62	14·07	13·37	14·77	14.62	17-47	17 · 87	18·02
11	25.07	21.07	17·47	15.67	14·47	14.07	13·37	14.67	14 · 47	17·17	17 · 72	17.97
	23.77	20.87	17·37	15.52	14·47	13.97	13·47	14.92	14 · 47	16·87	17 · 52	18.02
	22.92	20.47	17·27	15.42	14·47	13.97	13·57	15.27	14 · 32	16·47	17 · 32	18.07
	22.02	20.32	17·27	15.32	14·47	13.97	13·67	14.87	14 · 27	16·87	17 · 27	18.17
	21.77	19.97	17·22	15.47	14·42	13.87	13·92	14.47	14 · 37	17·22	17 · 17	18.17
16	21 · 42	19.62	17·12	15·47	14·47	13.82	14·17	14·47	14·42	17·37	17·17	18·37
	20 · 97	19.52	17·07	15·57	14·47	13.77	14·37	14·57	14·47	17·77	17·07	18·47
	20 · 72	19.37	16·97	15·52	14·62	13.77	14·47	14·57	14·57	17·82	16·97	18·62
	20 · 57	19.27	16·92	15·67	14·72	13.92	14·52	14·57	14·57	17·77	16·92	18·72
	20 · 57	19.17	16·87	15·67	14·62	13.97	14·62	14·62	14·47	17·77	16·87	18·57
21	20·47	19.07	16.77	15.67	14·47	14.07	14·47	14.67	14·52	17 · 87	16·82	18·57
	20·47	19.12	16.67	15.57	14·37	14.17	14·32	14.87	14·67	18 · 02	16·77	18·67
	20·47	19.12	16.62	15.47	14·27	14.07	13·77	14.97	14·72	18 · 27	16·47	18·77
	20·47	19.02	16.47	15.37	14·22	14.07	13·47	15.07	14·97	18 · 27	16·42	18·77
	20·47	18.72	16.37	15.37	14·27	13.97	13·87	15.07	15·12	18 · 37	16·32	18·82
26	20·57 20·62 20·82 21·12 21·37	18·52 18·47 18·37 18·47 18·62 18·67	16·37 16·37 16·22 16·17 16·17	15·17 14·97 14·92 14·77 14·77 14·67	14·17 14·17 14·27 14·37 14·37 14·42	13·92 13·87 13·97 14·02 14·02	14·77 15·07 15·32 15·47 15·57 15·32	15·32 15·77 15·92 15·52 15·47	15·27 15·32 15·47 15·97 16·32 16·52		16·52 16·67 16·77	

ELEVATIONS above M.S.L. of St. Lawrence River at Lanoraie, for 1914-15.

				TA	BLE No. 730.
4	15·85 15·82 15·78 15·75 17 15·75 15·60 3·32 15·78 15·60 3·52 15·75 15·28	13·94 13·64 13·94 13·54 13·94 13·59 13·84 13·69 14·04 13·99	13·24 13·14 13·39 13·34 13·54 13·34 13·64 13·34 13·79	13 · 09 17 · 44 13 · 49 17 · 19 13 · 84 16 · 94 14 · 04 16 · 79 14 · 09 16 · 54	15·94 19·04 15·94 18·84 15·84 18·84 16·04 18·74 16·14 18·44
7. 18 8. 18 9. 19	8-62 15-82 15-30 8-67 15-65 15-34 8-87 15-93 15-34 9-02 16-23 15-44 9-07 15-93 15-44	13·94 14·04 13·94 14·19 13·94 14·39 13·84 14·19 13·94 14·04	13·44 14·04 13·44 13·89 13·44 13·59 13·54 13·44 13·39 13·44	14·14 16·64 14·14 17·49 14·19 17·54 14·54 17·54 14·94 17·44	16·34 18·29 16·49 18·09 16·54 17·94 16·44 17·79 16·39 17·64
12 19 13 19 14 18	0-17 15-78 15-34 0-27 15-78 15-29 0-17 15-70 15-19 3-97 15-52 15-14 0-57 15-30 14-99	13·84 13·64 13·69 13·39 13·64 13·19 13·54 13·09 13·54 12·94	13 · 34 13 · 19 13 · 19 13 · 09 13 · 19 13 · 24 13 · 24 13 · 24 13 · 34	$\begin{array}{cccc} 15\cdot 44 & 17\cdot 34 \\ 15\cdot 69 & 17\cdot 34 \\ 15\cdot 79 & 17\cdot 24 \\ 16\cdot 24 & 17\cdot 04 \\ 16\cdot 79 & 16\cdot 84 \end{array}$	16·34 17·49 16·34 17·39 16·44 17·24 16·44 17·24 16·49 17·24
17. 18 18. 17 19 17	$\begin{array}{cccccccccccccccccccccccccccccccccccc$	13·44 12·94 13·29 12·94 13·29 13·24 13·34 13·64 13·54 13·54	13 · 54	17·34 16·94 17·54 16·94 17·59 16·89 17·74 16·84 17·94 16·69	$\begin{array}{cccccccccccccccccccccccccccccccccccc$
22 17 23 16 24 16	$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	13 · 64 13 · 39 13 · 89 13 · 39 14 · 04 13 · 59 14 · 14 13 · 69 14 · 14 13 · 64	14·34 14·94 14·29 14·04 14·19 13·74 13·84 13·39 13·49 13·14	18·24 16·64 18·39 16·54 17·99 16·39 17·59 16·34 17·44 16·24	17·14 16·84 17·14 16·84 17·14 16·79 16·99 16·84 17·09 17·24
27. 16 28. 16 29. 16 30. 16	5.42 15.40 14.89 6.27 15.40 14.69 6.27 15.75 14.54 6.27 15.75 14.54 6.27 15.75 14.39 6.22 16.10 14.14 6.05 14.04	14·04 13·59 14·04 13·54 13·94 13·54 13·89 13·34 13·84 13·29 13·69	13·29 13·04 13·29 13·09 13·19 13·24 13·04 13·14 13·14 13·09 13·14	17 - 29 15 - 94	17·49 17·54 18·49 17·54 18·94 17·54 17·64 17·59 17·44

6 George V, A. 1916 Elevations above M.S.L. of St. Lawrence River at Sorel, for 1912–13.

TABLE No. 731.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
12	18·33 18·58	21·28 20·75	22·87 22·91	16·83 16·58	15·00 14·87	14·66 14·58	14·66 14·75	15.70	15.33	18·45 17·79	20.45	20.83
3	18.66	20.28	22.70	16.37	14.91	14 - 45	14.75	15·58 15·50	15·16 15·41	17-12	19·75 19·29	20.60
1	18·83 18·91	19·88 19·58	22·39 21·95	16·29 16·08	14·75 14·54	14·29 14·16	14·50 14·33	15 · 20 14 · 87	15·54 15·70	16·75 16·83	19·33 19·33	20.0
3	19·03 19·58	19·28 18·95	21·54 21·41	16·25 16·00	14 · 45 14 · 37	14·08 14·08	14·16 13·91	14·83 15·83	15·91 16·20	16·95 17·95	19·33 19·20	20.0
8	20.28	18-66	20.70	15.66	14.33	14.08	13 - 91	17 - 25	16.33	19.45	18.95	19-8
))	21·58 22·66	18·45 18·38	20·29 19·95	15 · 58 15 · 45	14·37 14·33	14·20 14·41	13 · 91 14 · 04	18-37 18-41	16·50 16·25	18-83 18-41	18-79 18-62	19-8
	23.38	18-28	19.70	15.33	14.58	14.62	14 - 45	18-33	15.95	18 - 83	18-50	20.0
2	23·91 24·41	18 · 28 18 · 28	19·45 19·45	15·54 15·58	15·04 15·29	14·70 14·87	14·70 14·50	18·25 18·20	15 · 95 15 · 79	18·70 19·62	18 · 66 18 · 83	20.0
l	24.83	18 - 28	19.37	15.58	15 - 44	15.00	14.33	18-91	15.79	19.37	19.20	20 - 1
5	25.20	18.70	19.37	15.66	15.79	14.95	14 · 12	18.79	15.66	19-33	19.66	20.6
3	25 · 62 26 · 29	19·16 19·70	19·33 19·25	15·91 15·87	15 · 75 15 · 58	14 · 83 14 · 50	14·12 13·58	18.08	15.54	19.66 20.12	20.00	21·33 22·5
3	27.04	20.08	19.33	15 - 83	15 - 25	14 - 33	13.50	17·45 17·04	15·37 15·25	20.37	20.54	22.7
)	27·50 27·78	$20 \cdot 16$ $20 \cdot 33$	19·04 18·83	15·70 15·58	15 · 04 14 · 83	14·16 15·08	13·33 13·33	16·75 16·29	15·50 15·33	20·54 20·75	20·70 20·83	22 · 83
	27.54	20.08	18.75	15 - 45	14.50	15.04	13 - 37	16.08	15 - 12	21.16	20.87	23.3
	28·37 29·00	20.13	18·50 18·16	15·25 15·08	14·29 14·20	14·83 14·58	13·45 13·54	16·00 16·04	15 · 45 16 · 87	21 - 41	21·16 21·25	24 - 2
	27 - 63	20.00	17.83	15.08	14.08	14.58	14.54	17.58	17.79	21.75	21.33	24 - 83
	26.83	20.33	17.58	14.91	14.12	14.66	16-37	18-20	18 - 20	21.75	21.08	25 - 23
	26.08 25.03	20·41 20·45	17·54 17·33	14·87 14·75	14·29 14·41	14·70 14·62	16·50 16·41	17.41	18-25	21.62	20.91	25 - 6
3	24.53	20.33	17.08	14.75	14.41	14.58	16.41	16·50 16·16	18·75 18·83	21·54 21·16	20·83 20·83	25 · 87 26 · 50
)	22·78 21·95	20·75 22·16	17·04 16·91	14·87 14·91	14.58 14.58	14·58 14·58	16·29 16·04	16·04 15·37	18·70 18·58	20·58 20·37		25 · 9 25 · 4
		22.66	10.91	15.00	14.66	14.58	16.00	15.37	18-58			24 - 8

Elevations above M.S.L. of St. Lawrence River at Sorel, for 1913-14.

TABLE No. 732. $\begin{array}{c} 25 \cdot 12 \\ 24 \cdot 95 \\ 24 \cdot 54 \end{array}$ 17.91 17.79 17.58 17.75 14.25 15·00 15·00 15·79 15·49 15·33 15·37 17.83 17.75 17.62 17.58 17.75 20.58 14.58 13.83 13.95 $15 \cdot 20$ $15 \cdot 12$ $15 \cdot 04$ 16.66 14 · 12 14 · 12 14 · 33 14 · 70 14 · 79 20·50 20·54 $16 \cdot 91$ $17 \cdot 29$ $17 \cdot 33$ $24 \cdot 20 \\ 24 \cdot 25$ 15.00 14.91 20.50 17.58 5 20.50 $14 \cdot 25$ 14.45 6.... 7.... 8.... 24.33 20.46 15-04 14.54 14-08 14-16 14.04 14 - 83 17-58 24·37 24·04 20.5820.5415.08 15.12 15.16 14.54 13.66 13.58 13.41 13·95 13·95 14·04 14·75 14·95 14·70 17.00 17.00 16.00 16.08 16.75 10. 23.16 20.33 14 - 20 20.04 16.37 15.08 14.04 14.20 14.50 16.58 13.25 16.29 16·29 16·37 22.75 22.58 22.08 21.16 20.58 16.58 19.33 16.45 14.62 14.70 16.33 14.58 14.58 14-16 16·20 16·33 16.62 15. 18-95 13.91 16.83 16 · 29 16 · 25 16 · 45 16 · 70 16 20.20 18.75 16.33 16.75 16.91 13.75 16.87 14·58 14·41 14·58 14·75 16·20 16·20 13 - 62 16.91 17.00 17.12 19·83 19·75 19.83 $15 \cdot 95$ 13.66 14-41 16-83 16.83 15-66 19.87 16.08 13.70 14.20 16.79 17-25 17-08 17-08 17-62 15.96 15.79 15.62 13.66 $17 \cdot 66$ $17 \cdot 45$ $17 \cdot 33$ $17 \cdot 62$ $17 \cdot 87$ $18 \cdot 00$ 15-04 13.50 $13\cdot 25$ 14.62 14.87 28. 15·29 15·21 16.66

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L., of St Lawrence River at Sorel, for 1914-15.

					A-84-4						TDL,II, A	0. 100.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1 2 3 4	19·79 19·87 20·08 20·08 20·00	17-95 17-79 17-70 17-66 17-87	15·45 15·33 15·37 15·33	15·41 15·33 15·16 15·12 14·83	13 · 62 13 · 41 13 · 58 13 · 62 13 · 62	13 · 20 13 · 25 13 · 25 13 · 37 13 · 54	12·75 12·79 12·75 12·79 12·91	12·75 12·83 13·08 13·29 13·29	12.66 12.75 13.12	15·37 15·29 15·41 15·37 15·16	14.58 15.04 15.45 15.62 15.54	17·79 17·58 17·58 17·45 17·20
6 7 8 9 10	19·91 19·79 19·66 19·70	18·04 18·12 18·25 18·62 18·70	15-41 15-83	14.87 14.91 14.91 15.08 15.08	13-62 13-62 13-66 13-62	13·45 13·79 13·87 13·83 13·70	13·12 13·04 12·79 12·87 12·95	13·50 13·33 13·08 12·87 12·87	13.70 13.62 13.45 13.62 13.87	15·12 15·29 15·58 15·41 15·25	15·54 15·75 15·83 15·79 15·33	17·16 17·08 16·83 16·66 16·41
11 12 13 14 15	19·70 19·83 19·87 19·70 19·45	18 · 83 18 · 62 18 · 25 17 · 91	15·37 15·37 15·29	14.83 14.83 14.66 14.50 14.29	13.58 13.58 13.50 13.32 13.16	13.58 13.37 13.12 12.91 12.79	12·70 12·75 12·58 12·37	12.83 12.50 12.87 12.58 12.79	14·33 14·79 15·66 16·08	15·29 15·33 15·41 15·50 15·33	15·12 15·00 15·33 15·41 15·33	16·29 16·12 16·00 16·00 16·00
16 17 18 19	19·41 19·04 18·95 19·20 19·75	17 · 62 17 · 45 17 · 08 16 · 70 16 · 58	14.83 14.66 14.41 14.29 14.25	13 · 95 13 · 79 13 · 70	$12 \cdot 95$ $12 \cdot 95$ $12 \cdot 95$ $13 \cdot 08$ $13 \cdot 20$	12.66 12.70 13.00 13.25 13.33	12.41 12.87 12.95 14.08 14.08	13·04 13·33 13·54 13·66 14·41	15.75 15.62 15.66 15.87	15.33 15.50 15.58 15.66 15.79	15·70 15·83 15·79 15·79 15·75	16.08 16.08 15.95 15.83 15.54
21 22 23 24 25	20 · 54 20 · 33 20 · 41 20 · 62 19 · 46	16·37 16·33 16·45 16·16 16·08	$14 \cdot 25$ $14 \cdot 37$ $14 \cdot 50$ $14 \cdot 66$ $14 \cdot 87$	13.66 13.75 13.87 14.00 13.95	13 · 25 13 · 41 13 · 58 13 · 62 13 · 66	13·37 13·45 13·50 13·54 13·54	13.79 13.83 13.70 13.33 13.00	14.50 13.50 13.29 13.25 12.50	16.08 16.33 16.04 15.70	15·54 15·16 14·79 14·66 14·50	15·75 15·54 15·50 15·54	15·50 15·62 15·54 15·58 15·70
26	18-46 18-16 18-00 18-25 18-16	15.87 15.79 15.91 15.91 15.79	15.00 14.95 15.33 15.33 15.75	14 · 12 · 14 · 16 14 · 33 14 · 29 14 · 25 13 · 91	13 · 58 13 · 54 13 · 50 13 · 50 13 · 45 13 · 33	13·41 13·29 13·16 12·91 12·79	12·75 12·79 12·41 12·25 12·62 12·79	12·58 12·62 12·79 12·79 12·62	15·16 15·00 14·83 14·91 15·25 15·58	14-45 14-41 14-50 14-45 14-50	17-37 18-04 18-08	16·12 16·25 16·25 16·33 16·33 16·25

Gauge Height in feet, of East River at Stellarton, N.S., for 1913-14.

CAUGE	TIEIGHI	m reet, or	12000	1617 (1	ac	ocenai	ton,	14.10., 1	.01 1:	919-1-	L.
									TA	BLE No	. 734.
1	4·00 3·00 2·40 2·20 2·10	$\begin{array}{cccc} 2 \cdot 00 & 2 \cdot 20 \\ 2 \cdot 00 & 2 \cdot 10 \\ 1 \cdot 90 & 2 \cdot 00 \\ 1 \cdot 90 & 1 \cdot 90 \\ 1 \cdot 90 & 1 \cdot 80 \\ \end{array}$	1·30 1·50 1·50 1·40 1·40	1·30 1·30 1·20 1·25 1·25	$1 \cdot 10$ $1 \cdot 15$	1·15 1·10 1·15 1·50 1·70	2·10 2·00 1·90 1·80 1·80	1·50 1·50 1·50 1·50 1·50	$2 \cdot 40$ $2 \cdot 20$ $2 \cdot 30$ $2 \cdot 60$ $2 \cdot 80$	3·90 3·10 2·75 3·00 2·80	2·90 3·20 4·40 4·00 3·70
6	2·00 2·00 1·90 1·80 1·80	1·80 1·80 1·70 1·70 1·70 1·80 1·60 1·70 1·70 1·70	1.30 1.60 1.50 1.50 1.40	1·20 1·15 1·15 1·15 1·16	$\begin{array}{c} 1 \cdot 10 \\ 1 \cdot 00 \\ 1 \cdot 00 \\ 1 \cdot 20 \\ 1 \cdot 10 \end{array}$	1·60 1·50 1·45 1·50 1·40	1·70 1·70 1·65 1·60 1·70	1.60 1.50 2.10 2.00 2.00	2.80 2.70 2.50 2.40 2.60	2.50 2.80 4.30 2.70 2.70	3·40 3·20 4·30 4·00 3·60
11 12 13 14 15	1.80 1.90 2.50 3.80 3.00	1·70 1·60 1·70 1·60 1·60 1·60 1·60 1·60 1·60 1·60	1 · 40 1 · 30 1 · 30 1 · 40 1 · 40	1·15 1·20 1·10 1·10 1·10	1.30 1.30 1.30 1.30 1.30	1·40 1·40 1·50 3·20 4·00	$2 \cdot 00$ $2 \cdot 30$ $2 \cdot 10$ $2 \cdot 00$ $2 \cdot 10$	1·90 1·80 1·70 1·90 1·90	$\begin{array}{c} 2 \cdot 70 \\ 2 \cdot 50 \\ 2 \cdot 20 \\ 2 \cdot 10 \\ 2 \cdot 00 \end{array}$	$ \begin{array}{r} 2 \cdot 50 \\ 3 \cdot 10 \\ 3 \cdot 30 \\ 3 \cdot 10 \\ 3 \cdot 00 \end{array} $	3·10 3·00 2·90 2·70 2·80
16	3·10 3·50 2·60 2·50 2·70	1·60 1·50 1·60 1·50 1·60 1·50 1·50 1·50 1·50 1·45	1.40 1.40 1.40 1.50 1.60	1·20 1·10 1·10 1·20 1·15	$\begin{array}{c} 1 \cdot 25 \\ 1 \cdot 20 \\ 1 \cdot 20 \\ 1 \cdot 25 \\ 1 \cdot 20 \end{array}$	3·50 3·50 2·70 2·35 2·20	2·00 1·90 1·85 1·80 1·90	1.80 2.00 2.30 2.40 2.20	$2 \cdot 00$ $2 \cdot 00$ $1 \cdot 90$ $1 \cdot 80$ $1 \cdot 80$	$3 \cdot 10$ $3 \cdot 20$ $3 \cdot 10$ $3 \cdot 20$ $3 \cdot 10$	2 · 80· 2 · 80· 3 · 50· 4 · 00· 3 · 60·
21 22 23 24	$2 \cdot 40$ $2 \cdot 20$ $2 \cdot 10$ $2 \cdot 00$ $2 \cdot 00$	$\begin{array}{cccc} 1 \cdot 60 & 1 \cdot 50 \\ 1 \cdot 60 & 1 \cdot 50 \\ 1 \cdot 70 & 1 \cdot 40 \\ 1 \cdot 70 & 1 \cdot 40 \\ 2 \cdot 00 & 1 \cdot 55 \end{array}$	1.69 1.80 1.70 1.60 1.60	1·10 1·10 1·10 1·20 1·20	$\begin{array}{c} 1 \cdot 20 \\ 1 \cdot 20 \end{array}$	2·10 2·00 1·90 1·90 1·80	1·85 1·80 1·70 1·70 1·70	3·40 5·60 3·20 2·40 2·10	1·80 1·80 1·90 2·00 6·00	3·00 3·00 3·00 3·00 3·00	$3 \cdot 00$ $2 \cdot 80$ $2 \cdot 70$ $2 \cdot 40$ $2 \cdot 20$
26	1·90 1·90 1·80 1·80 2·00	1·80 1·40 1·80 1·40 1·80 1·40 2·20 1·40 2·00 1·30 2·40	1·50 1·40 1·40 1·40 1·30 1·30	1·20 1·00 1·20 1·20 1·20 1·10	1 · 10 1 · 15 1 · 10 1 · 15 1 · 10	1.80 2.00 1.90 1.90 2.10 2.30	1·65 1·70 1·70 1·60 1·60	$ \begin{array}{r} 2 \cdot 00 \\ 3 \cdot 10 \\ 2 \cdot 40 \\ 2 \cdot 20 \\ 2 \cdot 40 \\ 2 \cdot 50 \end{array} $	3.10	2·90 2·90 2·90	2·20 2·60 2·60 2·70 2·20 2·30

6 GEORGE V, A. 1916

Gauge Height in feet, of East River at Stellarton, N.S., for 1914-15.

TABLE No. 735.

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	2·00 2·40 2·10 2·00 1·90	2·10 2·00 1·90 1·90 2·00	1·50 1·45 1·40 1·40 1·70	1·20 1·25 1·20 1·20 1·15	1 · 15 1 · 40 1 · 30 1 · 30 1 · 25	1·10 1·15 1·10 1·20 1·15	1·40 1·40 1·35 1·20 1·25	1·90 1·75 1·85 1·60 1·55	1·50 1·45 1·50 1·50 1·40	3·50 3·50 3·40 3·20 3·40	5·80 5·20 5·40 5·40 5·30	2·00 2·30 1·60 1·70 1·50
6	2.00 2.00 2.30 2.90 4.50	$2 \cdot 20$ $2 \cdot 70$ $2 \cdot 40$ $2 \cdot 30$ $2 \cdot 60$	2·10 1·90 1·80 1·70 1·60	1·10 1·20 1·20		1·10 1·05 1·15 1·10 1·10	$1 \cdot 20$ $1 \cdot 20$ $1 \cdot 15$ $1 \cdot 15$ $1 \cdot 10$	1.50 1.50 1.40 1.45 1.50	1.80 1.50 1.70 2.20 2.50	3·40 3·40 4·90 3·90 8·40	5·40 6·80 5·50 5·40 4·80	1.40 3.20 2.20 2.70 2.40
11 12 13 14 15	$2 \cdot 20$ $2 \cdot 40$ $2 \cdot 30$ $2 \cdot 20$ $1 \cdot 85$	3.70 2.70 2.30 2.10 2.00	1.60 1.50 1.45 1.40 1.40	1.00 1.05 1.55 1.40 1.30	$1 \cdot 20$ $1 \cdot 20$ $1 \cdot 20$ $1 \cdot 15$ $1 \cdot 10$	1·10 1·10 1·00 1·05 1·00	$1 \cdot 10$ $1 \cdot 10$ $1 \cdot 20$ $1 \cdot 15$ $1 \cdot 10$	1 · 45 1 · 50 1 · 60 1 · 90 1 · 75	3.00 2.70 2.60 2.70 3.00	$3 \cdot 20$ $3 \cdot 00$ $3 \cdot 10$ $2 \cdot 90$ $2 \cdot 70$	$4 \cdot 20$ $4 \cdot 20$ $4 \cdot 60$ $3 \cdot 30$ $3 \cdot 20$	$2 \cdot 70$ $2 \cdot 60$ $2 \cdot 20$ $2 \cdot 20$ $2 \cdot 40$
16	1·75 1·70 1·60 1·90 2·50	2·00 1·90 1·80 1·75 1·70	1.40 1.70 1.55 1.50 1.45	1·25 1·15 1·15 1·75 1·70	1·15 1·15 1·20 1·15 1·10	1·00 1·00 1·05 1·10 1·00	1·20 1·25 1·15 1·20 1·25	1.65 2.00 1.90 1.70 1.80	4.80 4.00 2.90 2.80 4.80	$2 \cdot 70$ $2 \cdot 50$ $2 \cdot 60$ $4 \cdot 20$ $5 \cdot 50$	$3 \cdot 70$ $5 \cdot 90$ $5 \cdot 20$ $4 \cdot 20$ $4 \cdot 20$	2 · 60 2 · 60 2 · 50 2 · 50 2 · 90
21 22 23 24 25	2·60 2·50 2·35 2·15 2·00	1 · 65 1 · 60 1 · 60 1 · 60 1 · 55	1·40 1·45 1·40 1·35 1·30	1·50 1·45 1·40 1·35 1·30	1.15	1·10 1·10 0·90 0·80 1·10	$1 \cdot 25$ $1 \cdot 25$ $1 \cdot 30$ $1 \cdot 25$ $1 \cdot 20$	2.80 2.30 2.00 1.80 1.80	3·70 3·80 3·30 3·00 3·00	3.90 2.50 3.00 3.40 2.70	3.60 3.30 3.10 2.90 3.10	2·90 3·00 2·90 2·80 2·80
26 27 28 29 30 31	1.95 2.00 2.10 2.70 2.30	1·50 1·50 1·55 1·55 1·50 1·50	1·25 1·25 1·20 1·20 1·25	$1 \cdot 25$ $1 \cdot 10$ $1 \cdot 20$ $1 \cdot 20$ $1 \cdot 15$	1·10 1·20 1·10	1·20 1·50 1·50 1·50 1·50	1.15 1.10 1.30 1.25 1.30 2.30	1·70 1·60 1·60 4·00 2·00	$3 \cdot 20$ $3 \cdot 00$ $3 \cdot 30$ $3 \cdot 20$ $3 \cdot 80$ $4 \cdot 30$	3.00 2.30 2.10 2.00 3.80 5.50	4·80 6·10 2·30	$\begin{array}{c} 2 \cdot 60 \\ 2 \cdot 70 \\ 2 \cdot 60 \\ 2 \cdot 50 \\ 2 \cdot 40 \\ 2 \cdot 30 \end{array}$

ELEVATIONS above M.S.L. of Lake Nipissing at North Bay, for 1908.

TABLE No. 736.

						A
						1
					10	
1	641-6					
	C41 6					
2						
3	639.0 641.6					
4	639 • 0 641 • 6					
	639 • 0					
5	639.0					
						1
6	639 - 2					
	639 - 2					
7						
8,	639 - 4 641 - 8					
9						
	639 - 7 641 - 8					
10	099.1 041.0					
11	639 - 8 641 - 8			I V		
12	640 - 1 641 - 8					
	020-1 011-0					
13	640 - 2 641 - 8					
	640 - 3 641 - 8					
14	0.0.0 0.1.0					
15	640 - 4 641 - 8					
10	010 1 011					
16	640 - 5 641 - 5					
17	640 - 7 641 - 1					
	640 - 8 641 - 6					
18						
19	640.9 641.1					
20	640 - 9 641 - 1					
21	641.0 641.					1
22						
23	641.3 641.4					
24	641.3 641.4					
25	041.9					
						1
	044 0					
26	641.3					
27	641.4					
	Urti't					
28	641.4					
29	641.4 641.3					
30	641.4 641.3	640.5				
31	641.5	640 - 5				
***************************************		340 0				

SESSIONAL PAPER No. 19a

ELEVATIONS above M.S.L. of Lake Nipissing at North Bay, for 1909-10.

				. 1	.							
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1		642 · 2	645.2	644 · 2	642.7	641.2	640 - 2	639-9	639-8			
2		642.3	645.2	644 - 1	642.7	641 - 4	640 - 2	639-9	639-8			
34		642·3 642·4	645·2 645·2	644 - 0	642·6	641.1	640 · 2 640 · 1	639-9	639-9			
5		642.5	645.2	643.9	642.5	641.1	640 - 1	639 · 9 639 · 8	639.9			
6		642-6	645.2	643.8	642 · 4	641.2	640 - 1	639.8	640.0			
7		642·7 642·8	645·2 645·2	643·8 643·7	642-4	641 · 0	640 · 1	639·8 639·7	639 - 8			
9		642.9	645.1	643 - 7	642.3	640.9	640 - 1	639.7	639.8			
10		643.0	645.1	643.6	642-1	640 - 8	640.0	639 - 7	639.8			
11		643·1 643·2	645·1	643 · 6 643 · 7	642·1 642·1	640 · 8 640 · 8	640 · 0 640 · 1	639 - 7	639 - 8			
13		643.3	645.0	643.5	642.0	640 - 7	640 - 5	639 · 7	639.8			
14		643 - 5	645.0	643 - 4	642-0	640 - 7	640 - 4	639 - 6				
15		643 - 6	645-2	643-4	642.0	640.8	640 - 2	640.0	639.8			
16		643·7 643·9	645 - 1	643 - 4	641.9	640 · 7	640 · 2 640 · 2	639 - 6	639.8			
17 18		644 - 0	644.9	643.2	641.9	640 - 6	640 - 1	639·9 639·9	639.8			
19		644 - 1	644 - 8	643 - 1	641.9	640 - 5	640 - 1	639-7	639.8			
20		644.2	644.8	643.0	641-8	640 - 4	640 - 1	639-8	639 - 8			
21		644.3	644 - 7	643 - 1	641.8	640+4	640.0	639 - 8	639 - 8			
2223		644 - 4	644 - 6	643.0	641.8	640 · 5	640 - 0	639·8 639·8	639·8 639·8			639 - 2
24		644-6	644-6	643.0	641.7	640 - 4	640.0	639 - 8	639 - 8			639 - 2
25		644.7	644.5	643.0	641-6	640 - 3	640.0	639.8	639.8			639 - 2
26 27	641.5	644-8	644.5	643.0	641-6	640 - 2	640-0	639 - 8				639 - 2
27	641.8	644 · 8 644 · 9	644.4	642 · 9 642 · 8	641 - 6	640 · 2	640 - 0	639-8 639-8	639.8	::-:::		639 - 2
29	641.9	645.0	644.3	642.8	641.3	640 - 2	640.0	639.8	639-8			639-2
30	642.0	645·1	644 - 2	642·8 642·7	641·3 641·2	640.2	640 · 0 639 · 9	639-8				639 - 3
		010'1		0.12.1	021.2		039.9		039.8			639 - 5

ELEVATIONS above M.S.L. of Lake Nipissing at North Bay, for 1910-11.

						. ,		
							TABLE	No. 738.
2	339·6 641·4 339·7 641·4 339·8 641·4 339·9 641·5 340·0 641·5	641.7 641.8 641.8 641.7 641.8 641.8 641.9 641.7 641.9 641.7	640 · 6 640 · 6 640 · 8	640 · 0 639 · 8 640 · 0 639 · 2 640 · 0 639 · 2 640 · 0 639 · 3 639 · 9 639 · 4	639·7 639·4 639·4	639·2 638 639·2 638 639·1 638 639·1 638 639·1 638	·3 638·2 ·3 638·2 ·3 638·2	637 · 8 637 · 8 637 · 8 637 · 8 637 · 8
7	540 · 0 641 · 5 540 · 1 641 · 6 540 · 2 641 · 6 540 · 4 641 · 6 540 · 4 641 · 6	$\begin{array}{cccc} 641 \cdot 9 & 641 \cdot 6 \\ 641 \cdot 9 & 641 \cdot 6 \\ 642 \cdot 0 & 641 \cdot 6 \\ 642 \cdot 0 & 641 \cdot 5 \\ 642 \cdot 0 & 641 \cdot 5 \end{array}$	640 · 5 640 · 5 640 · 5	639 · 9 639 · 4 639 · 9 639 · 4 640 · 0 639 · 4 639 · 9 639 · 4 639 · 8 639 · 5	639 · 4 639 · 4 639 · 4	639·0 638 639·0 638 639·0 638 638·9 638 638·9 638	·3 638·2 ·3 638·2 ·3 638·1	637 · 8 637 · 7 637 · 7 637 · 7 637 · 7
12	549·5 641·6 540·5 641·5 540·6 641·4 540·6 641·4	$\begin{array}{cccc} 642\cdot 1 & 641\cdot 5 \\ 642\cdot 1 & 641\cdot 5 \\ 642\cdot 1 & 641\cdot 4 \\ 642\cdot 1 & 641\cdot 4 \\ 642\cdot 1 & 641\cdot 3 \end{array}$	640 · 4 649 · 3 640 · 3	639 · 8 639 · 5 639 · 8 639 · 4 639 · 7 639 · 4 639 · 7 639 · 3 639 · 7 639 · 3	639·4 639·4 639·4	638 · 9 638 638 · 8 638 638 · 8 638 638 · 8 638 638 · 7 638	·3 638·1 ·3 638·0 ·3 638·0	637·7 637·7 637·7 637·7 637·7
17		$\begin{array}{cccc} 642\cdot 1 & 641\cdot 3 \\ 642\cdot 1 & 641\cdot 2 \\ 642\cdot 1 & 641\cdot 2 \\ 642\cdot 1 & 641\cdot 2 \\ 642\cdot 1 & 641\cdot 3 \end{array}$	640 · 3 640 · 2 640 · 2	639-7 639-3 639-6 639-3 639-6 639-3 639-5 639-3 639-5 639-2	639 · 4 639 · 4 639 · 4	638·7 638 638·7 638 638·6 638 638·6 638 638·6 638	3 638·0 3 638·0 3 638·0	637·7 637·7 637·7 637·7 637·6
22	40·9 641·4 40·9 641·4 40·9 641·4 41·0 641·5 41·0 641·5	$\begin{array}{cccc} 642\cdot 1 & 641\cdot 2 \\ 642\cdot 1 & 641\cdot 1 \\ 642\cdot 0 & 641\cdot 0 \\ 642\cdot 0 & 641\cdot 0 \\ 642\cdot 0 & 641\cdot 1 \end{array}$	640 · 1 640 · 1 640 · 1	639·5 639·2 639·4 639·3 639·3 639·3 639·2 639·4 639·3 639·4	639·3 639·3 639·3	638·5 638 638·5 638 638·5 638 638·4 638	3 638·0 3 637·9 3 637·9	637 · 6 637 · 6 637 · 6 637 · 6 637 · 6
27 6 28 6 29 6	41·1 641·5 41·2 641·6 41·3 641·6 41·3 642·0 41·4 641·6 641·6	641·9 640·9 641·9 640·8 641·9 640·8 641·9 640·8 641·8 640·8 640·7	640 · 4 640 · 1 640 · 1	639-3 639-3 639-3 639-3 639-3 639-3 639-3 639-3 639-3 639-1	639 · 2 639 · 2 639 · 2 639 · 2		3 637·9 3 637·9	637·5 637·5 637·5 637·5 637·6 637·6

6 GEORGE V, A. 1916

ELEVATIONS above M.S.L. of Lake Nipissing at North Bay, for 1911-12.

TABLE No. 739.

												0. 109.
Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	637 · 6 637 · 6 637 · 6 637 · 6	640 · 7 640 · 9 641 · 0 641 · 1	642 · 7 642 · 6 642 · 6 642 · 4	641 · 8 641 · 7 641 · 7 641 · 8	640 · 5 640 · 4 640 · 4 640 · 4	639·5 639·8 639·4 639·4	638 · 6 638 · 6 638 · 5 639 · 0	638 · 2 638 · 3 638 · 2 638 · 2	638·3 638·3 638·3	638 · 8 638 · 8 638 · 8	638 · 6 638 · 6 638 · 6 638 · 5	638 · 2 638 · 2 638 · 1
5	637-6 637-6 637-6 637-7 637-7	641·3 641·4 641·5 641·6 641·6	642·3 642·5 642·4 642·4 642·4 642·4	641.7 641.6 641.5 641.5 641.4	640·3 640·3 640·2 640·6 640·4 640·3	639·3 639·2 639·2 639·2 639·1	638·6 638·6 638·5 638·5 638·5	638 · 2 638 · 6 638 · 2 638 · 2 638 · 2	638 · 2 638 · 2 638 · 2 638 · 2 638 · 2 638 · 3	638 · 8 638 · 7 638 · 7 638 · 7 638 · 7	638 · 5 638 · 5 638 · 5 638 · 5 638 · 5	638 · 1 638 · 1 638 · 1
11 12 13 14	637 · 7 637 · 8 638 · 0 638 · 2 638 · 4	642·0 642·1 642·1 642·1 642·1	642·4 642·3 642·5 642·4 642·4	641.6 641.5 641.3 641.1 641.3	640 · 2 640 · 2 640 · 1 640 · 1 640 · 1	639·1 639·2 639·2 639·1 639·1	638·5 638·4 638·4 638·4 638·4	638 · 2 638 · 8 638 · 8 638 · 4 638 · 3	638·3 638·4 638·5 638·6 638·6	638·7 638·7 638·7 638·7	638 · 4 638 · 4 638 · 4 638 · 4 638 · 3	638 · 0 638 · 0 638 · 0
16	638 · 6 638 · 8 639 · 0 639 · 1 639 · 2	642·2 642·2 642·2 642·3 642·3	642·3 642·3 642·2 642·2 642·2	641 · 1 641 · 0 641 · 0 641 · 1 640 · 9	640 · 0 640 · 1 640 · 1 640 · 0 640 · 0	639·1 639·0 639·1 639·0	638·4 638·3 638·3 638·3	638 · 3 638 · 2 638 · 5 638 · 2 638 · 2	638·7 638·7 638·7 638·7	638 · 7 638 · 7 638 · 7 638 · 7 638 · 7	638 · 3 638 · 3 638 · 3 638 · 3	637 - 9
21 22 23 24 25	639 · 4 639 · 6 639 · 7 639 · 8 639 · 9	642·3 642·3 642·4 642·4 642·4	$642 \cdot 2$ $642 \cdot 1$ $642 \cdot 1$ $642 \cdot 1$ $642 \cdot 0$	641 · 0 640 · 9 640 · 9 641 · 5 640 · 7	640 · 0 639 · 9 639 · 8 639 · 8 639 · 7	639-0 638-9 638-8 638-8	638·3 638·3 638·3 638·8	638·2 638·2 638·2 638·2 638·2	638 · 7 638 · 7 638 · 7 638 · 7 638 · 8	638 · 7 638 · 7 638 · 7 638 · 7	638 · 3 638 · 3 638 · 3 638 · 3	637 -8 637 -8
26	640·0 640·1 640·2 640·3 640·5	642.5 642.6 642.6 642.6 642.6	$642 \cdot 0$ $642 \cdot 0$ $642 \cdot 2$ $641 \cdot 9$ $641 \cdot 8$	640 · 7 640 · 7 640 · 6 640 · 6 640 · 6 640 · 5	639·7 639·8 639·6 639·5 639·5	638 · 8 638 · 7 638 · 9 638 · 6 638 · 6	638 · 3 638 · 8 638 · 8 638 · 2 638 · 2	638 · 3 638 · 3 638 · 3 638 · 3	638 · 8 638 · 8 638 · 8 638 · 8 638 · 8	638-7 638-7 638-6 638-6 638-6	638·3 638·3 638·2	€37 - 7

Elevations above M.S.L. of Lake Nipissing at North Bay, for 1912-13.

TABLE No.740. 640-1 640-1 637 · 6 637 · 6 639 - 7 642.5 642.4 641-1 640-5 640.5 640-6 640.2 639 - 9 640-4 640 - 1 640 · 2 640 · 2 640 · 3 640.5 640.5 640.5 640-2 639 - 8 641-1 642-3 641 - 1 640.3 640 - 1 640 - 6 639 - 9 639 - 9 642.3 641.0 640 - 1 642.2 640.5 640 - 2 640.3 640 - 1 640.2 640 - 6 637 - 6 639 - 9 640.0 642.9 642:2 640.9 640 - 3 640 - 1 610.2 640.6 640.6 639-9 640.0 642.8 642.9 642.8 642·2 642·3 642·1 640.8 640·3 640·3 640 · 1 640 · 1 640 · 2 640.6 640.5 638 - 0 640 - 1 640.6 640-2 640.6 640.5 640.2 640.8 640.3 640.0 640.3 640 - 6 640 - 5 612-6 642.0 610.8 640-2 640.3 640.6 640.5 638 · 2 638 · 3 642.7 640 - 8 640-3 640-6 640 - 4 640 - 2 640-5 640.2 640.3 640.6 640 - 4 640.6 640 · 2 640 · 2 640 - 4 $640 \cdot 6$ $640 \cdot 7$ 640.3 640.1 640.6 640 - 4 640 - 1 640 - 4 638-4 640 · 8 640 · 7 640 · 7 640 · 7 $640 \cdot 2 \\ 640 \cdot 2 \\ 640 \cdot 2$ 640 - 4 640.4 640 - 1 639.8 640 - 6 640 - 4 640 - 1 639 · S 640.1 640 - 4 640 - 6 641.0 640.6 640-4 640 - 1 640 - 4 640.3 640.1 640 - 1 639 - 7 640-1 640 - 6 640 - 3 640.3 640 - 1 640 - 1 640 - 6 640-6 640.3 640-3 $640 \cdot 1$ $\begin{array}{c} 642\cdot 0 \\ 642\cdot 1 \\ 642\cdot 2 \\ 642\cdot 2 \\ 642\cdot 4 \\ 642\cdot 4 \end{array}$ 641.3 640 - 6 640-0 639.3 640-6 640.1 640.5 641 · 3 641 · 2 641 · 2 640.5 640-6 640-3 640.1

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Elevations above M.S.L. of Lake Nipissing at North Bay, for 1913–14.

TABLE No

Day.	April.	May.	June.	July.	Aug.	Sept.	Oct.	Nov.	Dec.	Jan.	Feb.	March.
1	640·8 640·9 641·1 641·3 641·4	643 · 3 643 · 4 643 · 5 643 · 5 643 · 5	643 · 6 643 · 6 643 · 5 643 · 5 643 · 5	642 · 4 642 · 4 642 · 5 642 · 4 642 · 5	641·4 641·4 641·4 641·4 641·3	640·5 640·4 640·5 640·4 640·4	639-8 639-7 639-7 639-6 639-6	639-6 639-6 639-7 639-7	640·7 640·7 640·8 640·8 640·8	640·7 640·6 640·6 640·6 640·6	640 · 1 640 · 1 640 · 1 640 · 1 640 · 0	639·9 639·9 639·8 639·8
6	641·5 641·5 641·6 641·6	643 · 5 643 · 6 643 · 6 643 · 6 643 · 6	643 · 5 643 · 5 643 · 4 643 · 4	642 · 8 642 · 8 642 · 7 642 · 6 642 · 5	641 · 3 641 · 3 641 · 2 641 · 2	640 · 4 640 · 3 640 · 3 640 · 3 640 · 2	$639 \cdot 6$ $639 \cdot 5$ $639 \cdot 4$ $639 \cdot 4$	639 · 7 639 · 6 639 · 6 639 · 7 639 · 7	640 · 9 640 · 9 640 · 8 640 · 9 640 · 9	640 · 6 640 · 5 640 · 5 640 · 5 640 · 5	640·0 639·9 640·0 640·0 640·1	639 · 8 639 · 8 639 · 8 639 · 8 639 · 7
11 12 13 14 15	641.7 641.8 641.9 642.0 642.1	643 · 7 643 · 7 643 · 7 643 · 7 643 · 6	643 · 4 643 · 4 643 · 4 643 · 4 643 · 4	$642 \cdot 4$ $642 \cdot 4$ $642 \cdot 3$ $642 \cdot 2$ $642 \cdot 1$	641 · 2 641 · 1 641 · 0 641 · 0 640 · 9	640 · 2 640 · 1 640 · 2 640 · 2 640 · 1	639·5 639·5 639·5 639·4	639 · 8 639 · 8 639 · 8 639 · 8 639 · 8	641 · 0 641 · 0 641 · 0 641 · 0	640 · 5 640 · 6 640 · 6 640 · 6 640 · 5	640·1 640·1 640·2 640·2 640·2	639 · 7 639 · 7 639 · 7 639 · 7 639 · 7
16	642·1 642·2 642·3 642·4 642·4	643 · 6 643 · 6 643 · 7 643 · 7	643 · 4 643 · 3 643 · 2 643 · 1 643 · 0	642·0 642·0 642·0 642·0 641·9	640 · 9 640 · 8 640 · 8 640 · 8 640 · 7	640 · 2 640 · 1 640 · 1 640 · 0 640 · 0	639 · 4 639 · 4 639 · 5 639 · 5 639 · 6	639 · 9 640 · 0 640 · 2 640 · 1 640 · 2	641 · 0 640 · 9 640 · 9 640 · 9	640 · 5 640 · 5 640 · 5 640 · 5 640 · 5	640 · 2 640 · 2 640 · 2 640 · 2 640 · 1	639 · 7 639 · 7 639 · 7 639 · 6 639 · 6
21 22 23 24 25	642 · 5 642 · 5 642 · 6 642 · 6 642 · 6	643.6 643.7 643.7 643.7 643.7	643 · 0 642 · 9 642 · 9 642 · 9 642 · 8	641 · 8 641 · 8 641 · 8 641 · 7 641 · 7	640 · 8 640 · 7 640 · 7 640 · 7	640 · 1 640 · 1 640 · 0 639 · 9 640 · 0	639 · 6 639 · 5 639 · 5 639 · 5 639 · 5	640 · 3 640 · 3 640 · 4 640 · 5 640 · 4	640 · 9 640 · 9 641 · 0 641 · 0 640 · 9	640 · 5 640 · 4 640 · 3 640 · 3	640 · 1 640 · 0 640 · 0 640 · 0	639 · 6 639 · 6 639 · 6 639 · 6 639 · 7
26 27 28 29 30 31	642.7 642.8 642.9 643.1 643.2	643 · 7 643 · 7 643 · 7 643 · 7 643 · 7 643 · 6	642.8 642.7 642.6 642.5 642.4	641 · 6 641 · 6 641 · 5 641 · 5 641 · 5	640.6 640.6 640.6 640.6 640.6	639 · 9 639 · 8 640 · 0 639 · 8 639 · 8	639·5 639·5 639·5 639·6 639·5	640 · 5 640 · 5 640 · 6 640 · 6 640 · 7	640·9 640·9 640·9 640·8 640·8 640·7	640·3 640·2 640·2 640·2 640·2 640·1	640 · 0 639 · 9 639 · 9	639·7 639·7 639·7 639·7 639·7

Elevations above M.S.L. of Lake Nipissing at North Bay, for 1914-15.

TABLE No. 742

										Т	ABLE N	o. 742.
1 2 3 4 5	639·7 639·8 639·8 639·8 639·9	641·1 641·2 641·5 641·6 641·8	642·1 642·1 642·0 642·0 641·9	641 · 0 641 · 0 641 · 0 641 · 1 641 · 1	640.6 640.6 640.5 640.5 640.5	640 · 1 640 · 2 640 · 2 640 · 1 640 · 1	639·8 639·8 639·7 639·7 639·7	639 · 7 639 · 7 639 · 6 639 · 8 639 · 8	639·8 639·8 639·8 639·8 639·8	639·9 639·8 639·8	639 · 8 639 · 8 639 · 8 639 · 8 639 · 8	639 · 8 639 · 8 639 · 8 639 · 8
6	639 · 9 639 · 9 639 · 9 640 · 6 640 · 0	641 · 8 641 · 9 642 · 0 642 · 0 642 · 0	641·9 641·9 641·7 641·7	641.0 641.0 641.0 641.0 641.0	640 · 5 640 · 5	640·1 640·2 640·1 640·1 640·1	639·6 639·7 639·7 639·7 639·7	639 · 7 639 · 8 639 · 8 639 · 7 639 · 6	639·8 639·8 639·8 639·8	639 · 9 639 · 9 639 · 9 639 · 9	639 · 8 639 · 8 639 · 8 639 · 8	639·8 639·8 639·8
11 12 13 14 15	640 · 0 640 · 0 640 · 0 640 · 1 640 · 1	$\begin{array}{c} 642 \cdot 1 \\ 642 \cdot 1 \\ 642 \cdot 1 \\ 642 \cdot 2 \\ 642 \cdot 2 \end{array}$	641.6 641.7 641.6 641.7 641.6	641 · 6 641 · 0 640 · 9 640 · 9 640 · 9	640-4 640-5 640-5 640-4	640 · 1 640 · 1 640 · 0 640 · 0 640 · 0	640 · 1 639 · 8 639 · 7 639 · 7 639 · 8	639 · 8 639 · 7 639 · 6 639 · 8 639 · 8	639·8 639·8 639·8	639 · 8 639 · 8 639 · 8 639 · 8	639 · 8 639 · 8 639 · 8	639 · 8 639 · 8 639 · 8
16	640·1 640·1 640·1 640·1 640·2	642.2 642.3 642.3 642.3 642.4	641.5 641.6 641.5 641.4 641.4	640 · 9 641 · 6 640 · 9 640 · 9 641 · 0	640 · 4 640 · 4 640 · 4 640 · 3	640 · 0 640 · 0 640 · 0 640 · 0 640 · 0	639·8 639·8 639·8 639·8 639·9	639-8 639-8 639-8 639-8	639-8 639-8 639-8 639-8	639·8 639·8 639·8 639·8	639 · 8 639 · 8 639 · 8 639 · 8 639 · 8	639-7 639-6 639-6 639-6 639-6
21 22 23 24 25	640 · 2 640 · 2 640 · 3 640 · 3 640 · 4	642 · 4 642 · 4 642 · 4 642 · 3 642 · 2	641·3 641·2 641·2 641·2 641·2	640.8 640.8 640.8 640.8	640 · 4 640 · 4 640 · 5 640 · 4 640 · 4	640-0 640-1 640-0 640-0 639-9	639 · 9 639 · 8 639 · 8 639 · 8 639 · 9	639 · 8 639 · 7 639 · 7 639 · 7	639 · 8 639 · 8 639 · 8 639 · 8	639 · 8 639 · 8 639 · 8 639 · 8 639 · 8	639 · 8 639 · 8 639 · 8 639 · 8	639·5 639·5 639·5 639·5
26	640-5 640-6 640-8 641-0 641-1	642 · 2 642 · 3 642 · 1 642 · 2 642 · 2 642 · 1	641 · 1 641 · 0 640 · 8 641 · 1 641 · 1	610 · 7 640 · 7 610 · 6 640 · 6 640 · 6 640 · 6	640·4 640·3 640·1 640·1 640·1 640·1	639 · 9 639 · 8 639 · 8 639 · 8 639 · 8	639 · 8 639 · 9 639 · 8 639 · 7 639 · 7 639 · 7	639·7 639·7 639·7	639 · 8 639 · 8 639 · 8 639 · 8 639 · 8	639 · 8 639 · 8 639 · 8 639 · 8 639 · 8	639·8 639·8	639·5 639·5 639·5 639·5 639·5

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DISCHARGE MEASUREMENTS of L'Assomption River.

TABLE No. 743.

				_		1	
Date.	Hydrographer.	Width.	Area of section.	Mean velocity.	W. S. Eleva- tions,	Dis- charge.	Remarks.
1912.		Feet	Sq. ft.	Ft. per	Feet.	Secft.	
Oct. 26	J. H. Beauchemin	521	2,440	sec. 2 · 704	22.8	6,600	14 mile from mouth.
Nov. 8	A. M. Kirkpatrick	597	4,128	4 - 196	24.0	17,320	1½ mile from mouth.
Nov. 16	do	538	2,969	1.457	22.1	4,325	1½ mile from mouth.
1913.							
May 21	S. B. Johnson	424	2,957	0.725	23.9	2,140	Repentigny.
June 16	A. M. K. & W. E. B A. M. Kirkpatrick	430 401	2,758 2,063	1·310 0·595	22.3	3,630 1,229	St. Paul l'Hermite. St. Paul l'Hermite.
June 23	W. E. Blue	390	1,779	0.393	22.2	262	St. Paul Hermite.
July 7	J. Beauchemin	400	1,572	0.325	19.1	511	do
July 12	do	410	1,491	0.415	19.1	618	Charlemange.
July 18 Aug. 4	W. E. Blue J. A. Beauchemin	467 395	2,265 2,004	0.339	19·0 18·7	769 353	do do
Aug. 8	do	436	2,086	0.218	18-4	455	do
Aug. 16	A. M. Kirkpatrick	384	1,608	0.346	19.3	557	do
Aug. 22 Nov. 16	do	377 538	1,779 2,969	0·432 1·457	22.1	768 4,326	do
1914.	do	900	2,909	1.491	22.1	4,020	
May 22	B. Ross	483	2,119	0.947	20.30	2,008	St. Paul l'Hermite.
							Lower G
June 10	do	396	2,061	0.860	19.04	1,773	Charlemange
June 15	H. S. Patterson	389 437	1,885	0.363	18-41	699	do 18-3
July 6	B. Ross	437	1,884 2,141	0·268 0·350	18·10 18·57	506 750	do
July 8	H. S. Patterson	460	2,174	0.377	18-46	819	do
July 15	do	450	2,217	0.429	17.94	952	do 17-8
July 20 July 23	do	458 460	2,135 2,121	0·408 0·336	18·50 17·55	871 712	do
July 27	do	463	2,129	0.219	17.68	466	do
Aug. 6	J. A. Beauchemin	440	1,936	0.381	17.06	737	do 16-9
Aug. 13 Aug. 22	do	430 410	1,354	0·279 0·282	16.78	378	do 16.7;
Aug. 22	do	410	1,400	0.202	16.73	404	do 16-60 21 going through Little Canal
Aug. 31	do	248	1,299	0-444	16.71	577	added to total. Head of Little Canal, new
Sept. 12	do	250	1,290	0.475	16.73	612	section. 16.55 do 16.55
Sept. 17	do	243	1,108	0.382	16.32	424	At head of Little Canal, 16-18
Sept. 21	do	247	1,162	0.392	16.36	456	Little Canal 20 added to total
Sept. 23	do	246	1,109	0.348	16.50	387	do 21 do 16.4
Sept. 28	do	246	1,149	0.266	16.28	305	do 19 do 16-28
Oct. 5	do	240 372	1,136 883	0·335 1·451	15.99 17.06	380 1,282	New sect. includes Little
	uo	512	003	1.491	17.06	1,282	Canal. 17.00
Oct. 29	do	345	942	0.762	16-34	718	do 15.56
Nov. 7	do	383	1,326	1.023	16.95	1,358	do 16-43

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